

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072803.D
 Acq On : 13 Jun 2022 13:34
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050

Quant Time: Jun 14 05:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	168029	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	304420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	327675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	158180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	219609	46.680	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.360%		
35) Dibromofluoromethane	8.016	113	145795	48.088	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.180%		
50) Toluene-d8	10.439	98	594097	48.793	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.727	95	212459	49.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	117707	44.836	ug/l	95
3) Chloromethane	2.293	50	126226	49.623	ug/l	99
4) Vinyl Chloride	2.434	62	130973	43.374	ug/l	96
5) Bromomethane	2.822	94	61441	50.661	ug/l	95
6) Chloroethane	2.999	64	93492	49.452	ug/l	94
7) Trichlorofluoromethane	3.357	101	211200	45.012	ug/l	97
8) Diethyl Ether	3.816	74	85826	46.661	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	117848	45.468	ug/l	88
10) Methyl Iodide	4.410	142	82927	46.459	ug/l	# 84
11) Tert butyl alcohol	5.369	59	224292	48.520	ug/l	99
12) 1,1-Dichloroethene	4.175	96	103858	44.474	ug/l	87
13) Acrolein	4.040	56	53320	240.998	ug/l	99
14) Allyl chloride	4.834	41	243319	44.807	ug/l	# 89
15) Acrylonitrile	5.545	53	542002	247.613	ug/l	99
16) Acetone	4.281	43	496517	232.404	ug/l	90
17) Carbon Disulfide	4.528	76	220224	46.492	ug/l	98
18) Methyl Acetate	4.851	43	265309	47.246	ug/l	90
19) Methyl tert-butyl Ether	5.604	73	508704	46.717	ug/l	97
20) Methylene Chloride	5.093	84	137442	47.510	ug/l	# 83
21) trans-1,2-Dichloroethene	5.593	96	113611	48.291	ug/l	# 81
22) Diisopropyl ether	6.492	45	533823	46.942	ug/l	97
23) Vinyl Acetate	6.428	43	2463199	239.416	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	267588	44.995	ug/l	99
25) 2-Butanone	7.328	43	813961	242.897	ug/l	89
26) 2,2-Dichloropropane	7.322	77	248525	45.154	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	152485	45.956	ug/l	87
28) Bromochloromethane	7.657	49	140555	49.111	ug/l	# 75
29) Tetrahydrofuran	7.681	42	508292	244.858	ug/l	89
30) Chloroform	7.816	83	283035	45.828	ug/l	97
31) Cyclohexane	8.092	56	222230	49.563	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	248875	45.567	ug/l	97
36) 1,1-Dichloropropene	8.216	75	193793	45.873	ug/l	94
37) Ethyl Acetate	7.404	43	315336	48.854	ug/l	# 94
38) Carbon Tetrachloride	8.204	117	206173	46.560	ug/l	99
39) Methylcyclohexane	9.457	83	222873	46.550	ug/l	92
40) Benzene	8.457	78	579672	46.312	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072803.D
 Acq On : 13 Jun 2022 13:34
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 14 05:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	164206	53.123	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	249050	46.055	ug/l	94
43) Isopropyl Acetate	8.557	43	491580	49.197	ug/l #	91
44) Trichloroethene	9.210	130	134444	47.210	ug/l	82
45) 1,2-Dichloropropane	9.486	63	163652	46.483	ug/l	98
46) Dibromomethane	9.575	93	114589	48.509	ug/l #	81
47) Bromodichloromethane	9.757	83	238342	48.550	ug/l	99
48) Methyl methacrylate	9.557	41	223897	48.287	ug/l #	84
49) 1,4-Dioxane	9.563	88	82122	1036.616	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	1679569	253.413	ug/l	90
52) Toluene	10.504	92	378895	47.690	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	263417	50.569	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	268720	48.607	ug/l #	82
55) 1,1,2-Trichloroethane	10.898	97	161311	47.924	ug/l	97
56) Ethyl methacrylate	10.757	69	296875	50.490	ug/l #	77
57) 1,3-Dichloropropane	11.039	76	290793	48.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	665308	267.545	ug/l	91
59) 2-Hexanone	11.080	43	1289264	262.611	ug/l	88
60) Dibromochloromethane	11.233	129	173668	49.630	ug/l	100
61) 1,2-Dibromoethane	11.345	107	166373	48.965	ug/l	100
64) Tetrachloroethene	10.975	164	113458	45.235	ug/l	89
65) Chlorobenzene	11.769	112	402117	46.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	154561	46.916	ug/l	98
67) Ethyl Benzene	11.839	91	765299	47.431	ug/l	98
68) m/p-Xylenes	11.951	106	557402	96.596	ug/l	90
69) o-Xylene	12.280	106	278632	47.969	ug/l	91
70) Styrene	12.292	104	450005	48.662	ug/l	94
71) Bromoform	12.457	173	117303	48.955	ug/l #	100
73) Isopropylbenzene	12.574	105	749821	46.506	ug/l	97
74) N-amyl acetate	12.386	43	393353	50.873	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.822	83	270553	47.557	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	231984m	42.731	ug/l	
77) Bromobenzene	12.857	156	149168	46.120	ug/l	66
78) n-propylbenzene	12.916	91	868721	48.392	ug/l	95
79) 2-Chlorotoluene	13.004	91	524800	46.664	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	611540	46.915	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	89801	50.415	ug/l #	86
82) 4-Chlorotoluene	13.104	91	496998	47.431	ug/l	93
83) tert-Butylbenzene	13.321	119	538479	46.367	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	605646	48.386	ug/l	94
85) sec-Butylbenzene	13.498	105	761473	48.970	ug/l	97
86) p-Isopropyltoluene	13.616	119	610678	50.417	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	266905	48.120	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	262497	47.952	ug/l	96
89) n-Butylbenzene	13.939	91	523047	50.915	ug/l	96
90) Hexachloroethane	14.210	117	123452	47.672	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	260302	47.383	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	64668	51.836	ug/l	70
93) 1,2,4-Trichlorobenzene	15.263	180	132840	53.305	ug/l	96
94) Hexachlorobutadiene	15.368	225	60113	50.158	ug/l	97
95) Naphthalene	15.504	128	532808	54.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	134376	51.804	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
Data File : VN072803.D
Acq On : 13 Jun 2022 13:34
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

Quant Time: Jun 14 05:21:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 13 17:28:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072803.D
 Acq On : 13 Jun 2022 13:34
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 14 05:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

