

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072703.D
 Acq On : 08 Jun 2022 17:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 09 04:22:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	166363	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	307321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	313742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	125741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	23427	9.742	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	19.480%#		
35) Dibromofluoromethane	8.016	113	15969	7.187	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	14.380%#		
50) Toluene-d8	10.439	98	61528	7.189	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	14.380%#		
62) 4-Bromofluorobenzene	12.727	95	18883	6.651	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	13.300%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	14306	8.091	ug/l	90
3) Chloromethane	2.293	50	18222	7.794	ug/l	91
4) Vinyl Chloride	2.434	62	16828	9.491	ug/l	96
5) Bromomethane	2.810	94	9202	9.009	ug/l	88
6) Chloroethane	2.987	64	14020	10.307	ug/l	91
7) Trichlorofluoromethane	3.357	101	25498	8.632	ug/l	97
8) Diethyl Ether	3.816	74	10392	9.721	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.199	101	14311	8.189	ug/l #	86
10) Methyl Iodide	4.410	142	11286	5.744	ug/l	90
11) Tert butyl alcohol	5.375	59	31085m	62.420	ug/l	
12) 1,1-Dichloroethene	4.175	96	13179	8.160	ug/l	96
13) Acrolein	4.040	56	12356	45.063	ug/l	90
14) Allyl chloride	4.840	41	30630	9.632	ug/l #	92
15) Acrylonitrile	5.557	53	59356	44.847	ug/l	98
16) Acetone	4.287	43	56178	49.364	ug/l #	86
17) Carbon Disulfide	4.522	76	36909	9.155	ug/l	96
18) Methyl Acetate	4.851	43	28078	7.885	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	57040	9.351	ug/l	99
20) Methylene Chloride	5.093	84	18818	8.319	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	14717	8.406	ug/l	90
22) Diisopropyl ether	6.492	45	59581	8.933	ug/l #	97
23) Vinyl Acetate	6.434	43	273731	47.307	ug/l	95
24) 1,1-Dichloroethane	6.375	63	32190	9.006	ug/l	97
25) 2-Butanone	7.334	43	89322	47.579	ug/l	92
26) 2,2-Dichloropropane	7.316	77	27640	9.717	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	18151	8.136	ug/l	85
28) Bromochloromethane	7.651	49	14271	9.224	ug/l #	76
29) Tetrahydrofuran	7.686	42	56150	48.402	ug/l	89
30) Chloroform	7.810	83	31604	8.408	ug/l	95
31) Cyclohexane	8.086	56	32980	9.727	ug/l #	84
32) 1,1,1-Trichloroethane	8.010	97	28334	8.865	ug/l	93
36) 1,1-Dichloropropene	8.216	75	23206	7.583	ug/l	93
37) Ethyl Acetate	7.410	43	31930	7.563	ug/l	96
38) Carbon Tetrachloride	8.204	117	24363	7.491	ug/l	98
39) Methylcyclohexane	9.457	83	27614	7.482	ug/l	94
40) Benzene	8.457	78	69578	7.128	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072703.D
 Acq On : 08 Jun 2022 17:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 09 04:22:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	10803m	5.157	ug/l	
42) 1,2-Dichloroethane	8.528	62	28874	8.612	ug/l	95
43) Isopropyl Acetate	8.557	43	52289	8.675	ug/l	96
44) Trichloroethene	9.210	130	15984	6.495	ug/l	98
45) 1,2-Dichloropropane	9.486	63	18455	7.195	ug/l	91
46) Dibromomethane	9.569	93	12971	7.550	ug/l #	80
47) Bromodichloromethane	9.763	83	25778	7.554	ug/l	94
48) Methyl methacrylate	9.557	41	25104	8.701	ug/l #	81
49) 1,4-Dioxane	9.569	88	8935	158.520	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	173561	42.140	ug/l	91
52) Toluene	10.504	92	42857	6.939	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	28113	7.908	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	30454	7.819	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	18409	7.182	ug/l	95
56) Ethyl methacrylate	10.757	69	30231	7.384	ug/l #	76
57) 1,3-Dichloropropane	11.039	76	32394	7.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	56400	32.461	ug/l	91
59) 2-Hexanone	11.080	43	125173	41.926	ug/l	88
60) Dibromochloromethane	11.233	129	18189	6.606	ug/l	100
61) 1,2-Dibromoethane	11.345	107	19196	7.157	ug/l	97
64) Tetrachloroethene	10.975	164	15461	6.571	ug/l	92
65) Chlorobenzene	11.769	112	43862	5.993	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.833	131	17271	6.215	ug/l	97
67) Ethyl Benzene	11.845	91	81513	6.469	ug/l	97
68) m/p-Xylenes	11.951	106	57068	12.060	ug/l	90
69) o-Xylene	12.274	106	29927	6.501	ug/l	91
70) Styrene	12.292	104	43578	5.860	ug/l	96
71) Bromoform	12.457	173	11286	5.038	ug/l #	93
73) Isopropylbenzene	12.574	105	76030	6.586	ug/l	96
74) N-amyl acetate	12.386	43	34317	7.779	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	27130	6.576	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	23584m	6.748	ug/l	
77) Bromobenzene	12.857	156	14044	5.091	ug/l	66
78) n-propylbenzene	12.916	91	80912	6.314	ug/l	93
79) 2-Chlorotoluene	13.004	91	49616	6.228	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	59368	6.581	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	7843	6.313	ug/l	90
82) 4-Chlorotoluene	13.098	91	46144	6.341	ug/l	92
83) tert-Butylbenzene	13.321	119	52980	6.394	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	57446	6.507	ug/l	92
85) sec-Butylbenzene	13.498	105	66626	5.983	ug/l	97
86) p-Isopropyltoluene	13.610	119	53093	6.065	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	22741	4.876	ug/l	94
88) 1,4-Dichlorobenzene	13.692	146	22926	4.991	ug/l	88
89) n-Butylbenzene	13.939	91	40004	5.597	ug/l	96
90) Hexachloroethane	14.210	117	11697	6.508	ug/l	71
91) 1,2-Dichlorobenzene	13.986	146	23971	5.332	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.598	75	5602	7.528	ug/l	70
93) 1,2,4-Trichlorobenzene	15.262	180	10001	4.315	ug/l	95
94) Hexachlorobutadiene	15.368	225	4963	3.716	ug/l	97
95) Naphthalene	15.510	128	36274	4.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	9837	3.976	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
Data File : VN072703.D
Acq On : 08 Jun 2022 17:03
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 04:22:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 04:20:11 2022
Response via : Initial Calibration

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

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

