

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072913.D
 Acq On : 17 Jun 2022 15:27
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 05:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	306967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	531642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	470776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213824	40.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.920%		
35) Dibromofluoromethane	7.951	113	169581	37.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	75.880%		
50) Toluene-d8	10.374	98	633182	36.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	72.420%#		
62) 4-Bromofluorobenzene	12.668	95	221175	36.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	61727	15.354	ug/l	98
3) Chloromethane	2.263	50	62899	13.763	ug/l	99
4) Vinyl Chloride	2.404	62	53337	15.008	ug/l	99
5) Bromomethane	2.799	94	24884	18.383	ug/l	91
6) Chloroethane	2.963	64	32456	15.376	ug/l	95
7) Trichlorofluoromethane	3.316	101	85342	13.011	ug/l	100
8) Diethyl Ether	3.769	74	46232	16.223	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.140	101	58099	15.070	ug/l	99
10) Methyl Iodide	4.351	142	73421	15.806	ug/l	98
11) Tert butyl alcohol	5.304	59	109360	78.635	ug/l	99
12) 1,1-Dichloroethene	4.116	96	58715	14.486	ug/l	94
13) Acrolein	3.987	56	40527	88.107	ug/l	96
14) Allyl chloride	4.763	41	127700	15.518	ug/l #	93
15) Acrylonitrile	5.475	53	248451	81.419	ug/l	100
16) Acetone	4.228	43	225472	82.514	ug/l	96
17) Carbon Disulfide	4.457	76	149448	13.753	ug/l	98
18) Methyl Acetate	4.781	43	118699	15.213	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	229107	15.473	ug/l	98
20) Methylene Chloride	5.016	84	72232	14.923	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	63768	14.849	ug/l	97
22) Diisopropyl ether	6.416	45	242669	15.927	ug/l	96
23) Vinyl Acetate	6.351	43	1131127	81.752	ug/l	95
24) 1,1-Dichloroethane	6.310	63	124459	15.630	ug/l	98
25) 2-Butanone	7.263	43	364713	83.637	ug/l	93
26) 2,2-Dichloropropane	7.251	77	102511	14.222	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	77931	14.987	ug/l	96
28) Bromochloromethane	7.586	49	133204	38.810	ug/l	91
29) Tetrahydrofuran	7.616	42	243841	84.572	ug/l	88
30) Chloroform	7.745	83	127403	15.473	ug/l	99
31) Cyclohexane	8.028	56	110686	15.531	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	113463	15.667	ug/l	97
36) 1,1-Dichloropropene	8.151	75	88958	14.312	ug/l	99
37) Ethyl Acetate	7.345	43	146846	16.329	ug/l #	96
38) Carbon Tetrachloride	8.133	117	93492	14.026	ug/l	98
39) Methylcyclohexane	9.392	83	106174	13.779	ug/l	96
40) Benzene	8.386	78	283190	14.314	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072913.D
 Acq On : 17 Jun 2022 15:27
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Jun 18 05:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64208	13.734	ug/l	92
42) 1,2-Dichloroethane	8.463	62	105391	14.793	ug/l	99
43) Isopropyl Acetate	8.492	43	211938	15.112	ug/l	94
44) Trichloroethene	9.151	130	69472	13.200	ug/l	90
45) 1,2-Dichloropropane	9.422	63	73321	14.666	ug/l	97
46) Dibromomethane	9.510	93	50189	14.526	ug/l	95
47) Bromodichloromethane	9.698	83	99066	14.178	ug/l	98
48) Methyl methacrylate	9.492	41	95619	14.968	ug/l	93
49) 1,4-Dioxane	9.504	88	41711	307.332	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	676561	74.403	ug/l	93
52) Toluene	10.439	92	177265	13.906	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	108505	13.662	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	118455	14.355	ug/l	96
55) 1,1,2-Trichloroethane	10.833	97	75728	14.667	ug/l	97
56) Ethyl methacrylate	10.698	69	124641	14.270	ug/l	87
57) 1,3-Dichloropropane	10.980	76	126856	14.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	284404	89.549	ug/l	97
59) 2-Hexanone	11.021	43	529779	78.555	ug/l	90
60) Dibromochloromethane	11.174	129	75655	13.763	ug/l	98
61) 1,2-Dibromoethane	11.280	107	79308	14.210	ug/l	99
64) Tetrachloroethene	10.910	164	55980	13.155	ug/l	98
65) Chlorobenzene	11.704	112	186149	15.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.774	131	70644	15.449	ug/l	99
67) Ethyl Benzene	11.780	91	331760	15.833	ug/l	98
68) m/p-Xylenes	11.886	106	252879	31.375	ug/l	96
69) o-Xylene	12.216	106	127777	15.461	ug/l	98
70) Styrene	12.227	104	206764	16.156	ug/l	98
71) Bromoform	12.392	173	54490	14.885	ug/l #	100
73) Isopropylbenzene	12.516	105	326401	17.211	ug/l	98
74) N-amyl acetate	12.327	43	167801	20.325	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.763	83	116457	18.658	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	92354m	15.882	ug/l	
77) Bromobenzene	12.792	156	78685	17.745	ug/l	91
78) n-propylbenzene	12.857	91	359931	18.172	ug/l	100
79) 2-Chlorotoluene	12.939	91	228792	17.804	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	269536	17.669	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	36324	17.490	ug/l	94
82) 4-Chlorotoluene	13.039	91	218211	18.282	ug/l	97
83) tert-Butylbenzene	13.257	119	236999	17.288	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	266427	18.157	ug/l	98
85) sec-Butylbenzene	13.433	105	321878	18.164	ug/l	100
86) p-Isopropyltoluene	13.551	119	264714	18.464	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	138044	18.946	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	136483	18.507	ug/l	98
89) n-Butylbenzene	13.874	91	210008	18.935	ug/l	98
90) Hexachloroethane	14.145	117	49056	16.035	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	142524	19.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	29685	19.173	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	77769	20.757	ug/l	98
94) Hexachlorobutadiene	15.298	225	33468	18.159	ug/l	98
95) Naphthalene	15.433	128	320978	24.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	81526	21.854	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
Data File : VN072913.D
Acq On : 17 Jun 2022 15:27
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 05:44:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 05:42:29 2022
Response via : Initial Calibration

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

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

