

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071825.D
 Acq On : 04 Apr 2022 12:13
 Operator : JC\MD
 Sample : VN0404WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0404WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:16:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	483135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	765690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	688607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	270758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	280359	50.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.660%			
35) Dibromofluoromethane	8.022	113	228947	50.813	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.620%			
50) Toluene-d8	10.439	98	931655	50.547	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.727	95	306923	51.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	73514	19.139	ug/l	98
3) Chloromethane	2.299	50	92997	19.107	ug/l	100
4) Vinyl Chloride	2.446	62	99654	18.644	ug/l	99
5) Bromomethane	2.840	94	63458	18.264	ug/l	97
6) Chloroethane	3.010	64	104165	27.090	ug/l	90
7) Trichlorofluoromethane	3.369	101	130298	19.161	ug/l	97
8) Diethyl Ether	3.828	74	63108	21.959	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	82721	19.740	ug/l	100
10) Methyl Iodide	4.428	142	101364	17.304	ug/l	99
11) Tert butyl alcohol	5.363	59	92983	103.882	ug/l	99
12) 1,1-Dichloroethene	4.187	96	77279	19.379	ug/l	99
13) Acrolein	4.034	56	112639	103.208	ug/l	99
14) Allyl chloride	4.840	41	138064	21.331	ug/l	94
15) Acrylonitrile	5.551	53	299235	115.015	ug/l	98
16) Acetone	4.281	43	225615	95.715	ug/l	94
17) Carbon Disulfide	4.534	76	172696	18.874	ug/l	100
18) Methyl Acetate	4.851	43	129265	21.276	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	319784	21.585	ug/l	99
20) Methylene Chloride	5.093	84	99536	20.034	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	83674	19.113	ug/l	98
22) Diisopropyl ether	6.492	45	313443	22.245	ug/l	98
23) Vinyl Acetate	6.428	43	1277109	113.974	ug/l	98
24) 1,1-Dichloroethane	6.387	63	174981	21.153	ug/l	99
25) 2-Butanone	7.334	43	364271	107.198	ug/l	99
26) 2,2-Dichloropropane	7.328	77	140938	19.833	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	111399	20.751	ug/l	99
28) Bromochloromethane	7.657	49	76589	22.952	ug/l	98
29) Tetrahydrofuran	7.681	42	247625	112.540	ug/l	98
30) Chloroform	7.816	83	178971	20.490	ug/l	97
31) Cyclohexane	8.092	56	148825	19.841	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	150087	20.086	ug/l	100
36) 1,1-Dichloropropene	8.216	75	121847	19.366	ug/l	99
37) Ethyl Acetate	7.404	43	146195	21.228	ug/l	98
38) Carbon Tetrachloride	8.204	117	125651	20.377	ug/l	99
39) Methylcyclohexane	9.457	83	152070	20.304	ug/l	99
40) Benzene	8.457	78	405773	20.415	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	78196	23.190	ug/l	92
42) 1,2-Dichloroethane	8.528	62	143205	20.828	ug/l	99
43) Isopropyl Acetate	8.557	43	227704	19.878	ug/l	98
44) Trichloroethene	9.210	130	102868	20.089	ug/l	97
45) 1,2-Dichloropropane	9.486	63	106553	21.459	ug/l	96
46) Dibromomethane	9.575	93	70119	20.799	ug/l	98
47) Bromodichloromethane	9.757	83	147266	22.191	ug/l	100
48) Methyl methacrylate	9.557	41	105531	22.206	ug/l	98
49) 1,4-Dioxane	9.563	88	47362	411.958	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	748657	113.676	ug/l	100
52) Toluene	10.504	92	262777	20.915	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	152595	21.939	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	167433	21.787	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	110571	21.383	ug/l	97
56) Ethyl methacrylate	10.757	69	163813	22.207	ug/l	96
57) 1,3-Dichloropropane	11.039	76	183011	21.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	154645	80.441	ug/l	98
59) 2-Hexanone	11.080	43	516248	111.337	ug/l	99
60) Dibromochloromethane	11.233	129	114520	22.713	ug/l	99
61) 1,2-Dibromoethane	11.339	107	107248	21.070	ug/l	97
64) Tetrachloroethene	10.975	164	89434	19.668	ug/l	96
65) Chlorobenzene	11.769	112	278087	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	104467	20.996	ug/l	98
67) Ethyl Benzene	11.839	91	477895	20.474	ug/l	98
68) m/p-Xylenes	11.951	106	369208	41.167	ug/l	100
69) o-Xylene	12.274	106	187186	21.028	ug/l	98
70) Styrene	12.292	104	290872	21.566	ug/l	99
71) Bromoform	12.451	173	87992	23.223	ug/l #	99
73) Isopropylbenzene	12.574	105	471145	20.650	ug/l	100
74) N-amyl acetate	12.386	43	141703	21.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	165034	21.679	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	121381m	19.352	ug/l	
77) Bromobenzene	12.857	156	112348	19.643	ug/l	97
78) n-propylbenzene	12.916	91	503960	20.998	ug/l	99
79) 2-Chlorotoluene	13.004	91	320748	20.839	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	383616	21.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	46522	22.985	ug/l	93
82) 4-Chlorotoluene	13.104	91	290531	20.364	ug/l	99
83) tert-Butylbenzene	13.321	119	341396	20.660	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	377372	21.395	ug/l	100
85) sec-Butylbenzene	13.498	105	453248	21.159	ug/l	100
86) p-Isopropyltoluene	13.610	119	361318	21.154	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	186942	20.516	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	178826	20.116	ug/l	98
89) n-Butylbenzene	13.939	91	260147	20.536	ug/l	100
90) Hexachloroethane	14.210	117	69921	22.363	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	182830	20.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26255	22.235	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	76531	19.105	ug/l	98
94) Hexachlorobutadiene	15.362	225	50087	18.984	ug/l	98
95) Naphthalene	15.504	128	198046	18.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	74248	19.342	ug/l	99

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

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