

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030922\
 Data File : VN071209.D
 Acq On : 09 Mar 2022 14:57
 Operator : JC\MD
 Sample : VN0309WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 00:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	670878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1096046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	960370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	364783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	449158	48.850	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.700%		
35) Dibromofluoromethane	8.022	113	340695	49.259	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.520%		
50) Toluene-d8	10.439	98	1353151	48.591	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.727	95	438428	46.493	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	129119	17.561	ug/l	100
3) Chloromethane	2.299	50	181426	18.358	ug/l	100
4) Vinyl Chloride	2.446	62	164665	18.274	ug/l	96
5) Bromomethane	2.852	94	94253	19.818	ug/l	96
6) Chloroethane	3.010	64	115696	21.202	ug/l	95
7) Trichlorofluoromethane	3.375	101	215325	18.156	ug/l	95
8) Diethyl Ether	3.828	74	91056	17.941	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.216	101	126558	18.433	ug/l	94
10) Methyl Iodide	4.422	142	172713	17.811	ug/l	99
11) Tert butyl alcohol	5.363	59	160326	88.762	ug/l	99
12) 1,1-Dichloroethene	4.187	96	121614	18.082	ug/l	92
13) Acrolein	4.040	56	122492	64.071	ug/l	99
14) Allyl chloride	4.840	41	262566	17.949	ug/l	88
15) Acrylonitrile	5.551	53	486275	90.667	ug/l	99
16) Acetone	4.281	43	457810	102.331	ug/l	99
17) Carbon Disulfide	4.534	76	321618	16.797	ug/l	98
18) Methyl Acetate	4.851	43	226363	19.133	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	469658	18.599	ug/l	96
20) Methylene Chloride	5.099	84	155061	19.201	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	134485	18.281	ug/l	90
22) Diisopropyl ether	6.493	45	539358	18.715	ug/l	94
23) Vinyl Acetate	6.428	43	2314653	94.871	ug/l	98
24) 1,1-Dichloroethane	6.387	63	279915	18.381	ug/l	99
25) 2-Butanone	7.328	43	677873	94.060	ug/l	95
26) 2,2-Dichloropropane	7.322	77	224872	19.141	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	159088	18.220	ug/l	89
28) Bromochloromethane	7.657	49	99205	14.629	ug/l	83
29) Tetrahydrofuran	7.681	42	468793	93.896	ug/l	90
30) Chloroform	7.816	83	266875	18.374	ug/l	98
31) Cyclohexane	8.092	56	266628	18.159	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	232862	18.821	ug/l	98
36) 1,1-Dichloropropene	8.216	75	199032	17.961	ug/l	97
37) Ethyl Acetate	7.410	43	274502	17.999	ug/l	99
38) Carbon Tetrachloride	8.204	117	190268	17.751	ug/l	98
39) Methylcyclohexane	9.457	83	243548	18.682	ug/l	95
40) Benzene	8.457	78	616289	18.458	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	136788	18.327	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	224508	19.323	ug/l	100
43) Isopropyl Acetate	8.557	43	421175	18.467	ug/l	96
44) Trichloroethene	9.216	130	143597	18.228	ug/l	97
45) 1,2-Dichloropropane	9.486	63	164237	18.324	ug/l	98
46) Dibromomethane	9.575	93	99341	18.008	ug/l	97
47) Bromodichloromethane	9.757	83	204430	18.337	ug/l	98
48) Methyl methacrylate	9.557	41	193667	18.324	ug/l #	83
49) 1,4-Dioxane	9.569	88	68255	371.532	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	1310049	92.557	ug/l	100
52) Toluene	10.504	92	382334	18.596	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	226191	18.406	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	245356	18.272	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	149620	18.161	ug/l	95
56) Ethyl methacrylate	10.757	69	241412	17.943	ug/l	89
57) 1,3-Dichloropropane	11.039	76	271048	18.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	154876	76.550	ug/l	95
59) 2-Hexanone	11.081	43	923692	95.647	ug/l	99
60) Dibromochloromethane	11.233	129	154723	18.901	ug/l	98
61) 1,2-Dibromoethane	11.345	107	152155	18.071	ug/l	99
64) Tetrachloroethene	10.975	164	124853	18.640	ug/l	98
65) Chlorobenzene	11.769	112	391056	18.961	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	143176	18.932	ug/l	99
67) Ethyl Benzene	11.839	91	711583	19.513	ug/l	97
68) m/p-Xylenes	11.951	106	529903	39.721	ug/l	98
69) o-Xylene	12.275	106	260827	19.505	ug/l	96
70) Styrene	12.292	104	410337	19.823	ug/l	97
71) Bromoform	12.457	173	109209	19.016	ug/l #	97
73) Isopropylbenzene	12.575	105	680594	19.355	ug/l	99
74) N-amyl acetate	12.386	43	236321	17.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	233477	20.849	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	203282m	21.377	ug/l	
77) Bromobenzene	12.857	156	154733	18.870	ug/l	81
78) n-propylbenzene	12.916	91	738701	19.577	ug/l	97
79) 2-Chlorotoluene	13.004	91	458792	18.941	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	538585	19.687	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	64654	19.160	ug/l	92
82) 4-Chlorotoluene	13.098	91	424827	19.690	ug/l	94
83) tert-Butylbenzene	13.322	119	486627	19.931	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	517838	19.761	ug/l	99
85) sec-Butylbenzene	13.498	105	641885	19.780	ug/l	99
86) p-Isopropyltoluene	13.610	119	506998	19.866	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	248879	18.680	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	237895	18.266	ug/l	97
89) n-Butylbenzene	13.939	91	354531	17.761	ug/l	97
90) Hexachloroethane	14.204	117	94051	18.531	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	243734	19.028	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37471	18.314	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	97087	18.258	ug/l	100
94) Hexachlorobutadiene	15.363	225	70108	19.497	ug/l	99
95) Naphthalene	15.504	128	217454	16.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	90540	17.677	ug/l	98

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

