

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070147.D
 Acq On : 16 Dec 2021 19:14
 Operator : JC/MD
 Sample : VN1216WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 17 01:02:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1079485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1654144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	669320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	761057	45.662	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.320%		
35) Dibromofluoromethane	8.024	113	508171	45.028	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.060%		
50) Toluene-d8	10.443	98	2024555	44.677	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.360%		
62) 4-Bromofluorobenzene	12.731	95	725641	44.201	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	186782	14.835	ug/l	99
3) Chloromethane	2.303	50	233253	14.788	ug/l	98
4) Vinyl Chloride	2.443	62	212482	14.650	ug/l	98
5) Bromomethane	2.842	94	120287	15.265	ug/l	99
6) Chloroethane	3.011	64	130738	14.710	ug/l	98
7) Trichlorofluoromethane	3.371	101	280177	14.719	ug/l	100
8) Diethyl Ether	3.821	74	125352	17.098	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	171919	16.112	ug/l	98
10) Methyl Iodide	4.414	142	216048	14.821	ug/l	98
11) Tert butyl alcohol	5.388	59	264270	83.881	ug/l	100
12) 1,1-Dichloroethene	4.175	96	164211	15.970	ug/l	91
13) Acrolein	4.041	56	184677	68.834	ug/l	100
14) Allyl chloride	4.835	41	370002	15.969	ug/l #	90
15) Acrylonitrile	5.559	53	769789	90.675	ug/l	99
16) Acetone	4.291	43	772880	77.087	ug/l	97
17) Carbon Disulfide	4.524	76	289870	10.912	ug/l	98
18) Methyl Acetate	4.859	43	534827	17.673	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	707394	17.693	ug/l	96
20) Methylene Chloride	5.095	84	216810	16.267	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	172389	15.435	ug/l	88
22) Diisopropyl ether	6.501	45	821811	18.146	ug/l	93
23) Vinyl Acetate	6.436	43	3129921	84.950	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	401248	17.104	ug/l	96
25) 2-Butanone	7.343	43	1182090	86.774	ug/l	90
26) 2,2-Dichloropropane	7.327	77	263317	14.436	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	223761	16.583	ug/l	86
28) Bromochloromethane	7.659	49	243691	19.976	ug/l #	77
29) Tetrahydrofuran	7.691	42	766774	92.696	ug/l	88
30) Chloroform	7.820	83	398343	16.813	ug/l	99
31) Cyclohexane	8.094	56	374389	16.141	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	320834	15.897	ug/l	96
36) 1,1-Dichloropropene	8.222	75	277050	16.153	ug/l	96
37) Ethyl Acetate	7.418	43	437758	17.148	ug/l	96
38) Carbon Tetrachloride	8.209	117	234534	13.944	ug/l	98
39) Methylcyclohexane	9.461	83	318243	15.599	ug/l	89
40) Benzene	8.458	78	876738	16.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	215372	17.972	ug/l	91
42) 1,2-Dichloroethane	8.531	62	358823	16.955	ug/l	96
43) Isopropyl Acetate	8.563	43	650524	17.220	ug/l #	94
44) Trichloroethene	9.217	130	201571	16.109	ug/l	89
45) 1,2-Dichloropropane	9.491	63	240822	17.106	ug/l	99
46) Dibromomethane	9.577	93	151066	16.361	ug/l	93
47) Bromodichloromethane	9.765	83	269732	15.429	ug/l	98
48) Methyl methacrylate	9.561	41	298929	16.956	ug/l	89
49) 1,4-Dioxane	9.574	88	113196	357.832	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	2322784	94.778	ug/l	95
52) Toluene	10.507	92	544031	16.997	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	274993	15.140	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	316244	15.755	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	220751	17.093	ug/l	97
56) Ethyl methacrylate	10.762	69	366656	16.640	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	391797	17.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	479036	85.832	ug/l	91
59) 2-Hexanone	11.087	43	1667911	89.966	ug/l	93
60) Dibromochloromethane	11.240	129	174840	14.411	ug/l	100
61) 1,2-Dibromoethane	11.347	107	217850	16.286	ug/l	98
64) Tetrachloroethene	10.979	164	188989	16.850	ug/l	94
65) Chlorobenzene	11.771	112	567996	16.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	184777	15.644	ug/l	99
67) Ethyl Benzene	11.846	91	1052302	17.263	ug/l	97
68) m/p-Xylenes	11.956	106	757924	34.149	ug/l	92
69) o-Xylene	12.283	106	384174	17.184	ug/l	91
70) Styrene	12.296	104	605220	17.072	ug/l	95
71) Bromoform	12.460	173	118755	13.844	ug/l #	99
73) Isopropylbenzene	12.581	105	1015118	17.046	ug/l	98
74) N-amyl acetate	12.390	43	419046	15.912	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	352898	17.137	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	319887m	16.666	ug/l	
77) Bromobenzene	12.862	156	230751	16.497	ug/l	79
78) n-propylbenzene	12.921	91	1107722	16.716	ug/l	96
79) 2-Chlorotoluene	13.010	91	706895	16.882	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	815873	17.022	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	66736	14.516	ug/l #	77
82) 4-Chlorotoluene	13.106	91	653078	16.585	ug/l	92
83) tert-Butylbenzene	13.326	119	707342	16.666	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	800273	17.531	ug/l	97
85) sec-Butylbenzene	13.503	105	965776	16.776	ug/l	97
86) p-Isopropyltoluene	13.618	119	755111	16.781	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	380388	16.553	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	368736	16.328	ug/l	96
89) n-Butylbenzene	13.943	91	585877	16.050	ug/l	97
90) Hexachloroethane	14.211	117	101647	12.866	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	377540	16.862	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	55195	14.833	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	165502	17.082	ug/l	98
94) Hexachlorobutadiene	15.370	225	103568	17.454	ug/l	98
95) Naphthalene	15.507	128	557949	19.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	165705	17.164	ug/l	97

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

