

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070957.D
 Acq On : 16 Feb 2022 14:22
 Operator : JC\MD
 Sample : VN0216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 04:09:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	749765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1177347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1063269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	482380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	444872	51.943	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.880%			
35) Dibromofluoromethane	8.016	113	361423	51.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.220%			
50) Toluene-d8	10.433	98	1437283	51.107	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.727	95	494188	49.161	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	149822	19.239	ug/l	99
3) Chloromethane	2.298	50	185942	18.997	ug/l	97
4) Vinyl Chloride	2.446	62	187347	19.120	ug/l	100
5) Bromomethane	2.851	94	116542	20.937	ug/l	98
6) Chloroethane	3.022	64	114279	17.778	ug/l	98
7) Trichlorofluoromethane	3.375	101	228732	18.627	ug/l	97
8) Diethyl Ether	3.822	74	99581	18.655	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.198	101	144905	19.234	ug/l	97
10) Methyl Iodide	4.416	142	196190	18.803	ug/l	98
11) Tert butyl alcohol	5.369	59	148503	95.142	ug/l #	88
12) 1,1-Dichloroethene	4.175	96	138002	18.801	ug/l	96
13) Acrolein	4.034	56	132162	94.757	ug/l	99
14) Allyl chloride	4.834	41	257935	18.425	ug/l	90
15) Acrylonitrile	5.551	53	464817	101.100	ug/l	99
16) Acetone	4.281	43	431249	91.429	ug/l	95
17) Carbon Disulfide	4.522	76	384256	18.255	ug/l	96
18) Methyl Acetate	4.851	43	209361	19.909	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	504633	19.599	ug/l	95
20) Methylene Chloride	5.087	84	162796	18.991	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	149766	19.010	ug/l	95
22) Diisopropyl ether	6.492	45	546712	20.362	ug/l	93
23) Vinyl Acetate	6.428	43	2289262	100.724	ug/l	99
24) 1,1-Dichloroethane	6.381	63	293013	19.468	ug/l	99
25) 2-Butanone	7.333	43	617368	98.391	ug/l	100
26) 2,2-Dichloropropane	7.316	77	240245	19.206	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	177617	19.616	ug/l	96
28) Bromochloromethane	7.651	49	120663	19.808	ug/l	93
29) Tetrahydrofuran	7.681	42	417768	102.776	ug/l	96
30) Chloroform	7.816	83	288042	19.458	ug/l	97
31) Cyclohexane	8.086	56	288301	19.464	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	251423	19.667	ug/l	100
36) 1,1-Dichloropropene	8.216	75	221511	19.307	ug/l	98
37) Ethyl Acetate	7.410	43	259107	21.058	ug/l	97
38) Carbon Tetrachloride	8.198	117	213816	18.914	ug/l	99
39) Methylcyclohexane	9.457	83	278314	18.852	ug/l	98
40) Benzene	8.451	78	650153	19.158	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	130324	20.110	ug/l #	91
42) 1,2-Dichloroethane	8.522	62	228318	19.754	ug/l	98
43) Isopropyl Acetate	8.557	43	388258	20.019	ug/l	98
44) Trichloroethene	9.210	130	171292	19.167	ug/l	96
45) 1,2-Dichloropropane	9.486	63	171076	19.679	ug/l	98
46) Dibromomethane	9.569	93	110023	19.232	ug/l	98
47) Bromodichloromethane	9.757	83	223777	19.354	ug/l	100
48) Methyl methacrylate	9.557	41	179325	19.534	ug/l #	88
49) 1,4-Dioxane	9.569	88	65788	403.485	ug/l	93
51) 4-Methyl-2-Pentanone	10.327	43	1203753	102.012	ug/l	96
52) Toluene	10.498	92	415665	19.492	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	240192	19.105	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	267735	19.391	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	161499	19.347	ug/l	97
56) Ethyl methacrylate	10.757	69	252949	20.112	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	284316	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	208116	96.730	ug/l	96
59) 2-Hexanone	11.080	43	829360	102.194	ug/l	96
60) Dibromochloromethane	11.233	129	169450	19.209	ug/l	99
61) 1,2-Dibromoethane	11.339	107	166017	19.553	ug/l	100
64) Tetrachloroethene	10.969	164	160487	19.381	ug/l	96
65) Chlorobenzene	11.763	112	443738	19.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	160724	19.244	ug/l	100
67) Ethyl Benzene	11.839	91	782700	19.518	ug/l	99
68) m/p-Xylenes	11.945	106	608866	39.308	ug/l	100
69) o-Xylene	12.274	106	297726	19.676	ug/l	99
70) Styrene	12.286	104	469178	19.501	ug/l	99
71) Bromoform	12.451	173	125027	18.797	ug/l #	99
73) Isopropylbenzene	12.574	105	765074	19.704	ug/l	100
74) N-amyl acetate	12.380	43	243632	19.630	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	240653	19.505	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	206045m	18.141	ug/l	
77) Bromobenzene	12.857	156	187618	19.739	ug/l	90
78) n-propylbenzene	12.915	91	865597	19.842	ug/l	99
79) 2-Chlorotoluene	13.004	91	521295	19.677	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	633335	20.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	65028	18.553	ug/l	92
82) 4-Chlorotoluene	13.098	91	507718	19.743	ug/l	97
83) tert-Butylbenzene	13.315	119	563540	18.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	612870	19.792	ug/l	100
85) sec-Butylbenzene	13.498	105	781025	19.869	ug/l	99
86) p-Isopropyltoluene	13.610	119	644465	19.971	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	323987	19.255	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	315450	19.135	ug/l	98
89) n-Butylbenzene	13.939	91	511497	19.428	ug/l	97
90) Hexachloroethane	14.204	117	108255	18.785	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	307352	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40762	20.390	ug/l	91
93) 1,2,4-Trichlorobenzene	15.256	180	153880	18.633	ug/l	100
94) Hexachlorobutadiene	15.362	225	111090	19.281	ug/l	98
95) Naphthalene	15.504	128	324727	18.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	141924	18.979	ug/l	99

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

