

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069592.D
 Acq On : 19 Nov 2021 18:13
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 22 05:08:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1037720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1712123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1549316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	621573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	710533	47.223	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.440%		
35) Dibromofluoromethane	8.021	113	495205	48.225	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.460%		
50) Toluene-d8	10.440	98	1868587	46.268	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.731	95	631094	42.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	165301	14.910	ug/l	99
3) Chloromethane	2.303	50	196664	15.296	ug/l	100
4) Vinyl Chloride	2.446	62	193615	15.040	ug/l	97
5) Bromomethane	2.859	94	122893	14.698	ug/l	98
6) Chloroethane	3.022	64	124569	14.335	ug/l	98
7) Trichlorofluoromethane	3.376	101	289508	14.551	ug/l	96
8) Diethyl Ether	3.827	74	109625	17.029	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.208	101	158636	16.926	ug/l	94
10) Methyl Iodide	4.417	142	178349	15.515	ug/l	97
11) Tert butyl alcohol	5.382	59	221981	81.873	ug/l #	81
12) 1,1-Dichloroethene	4.181	96	139562	16.593	ug/l	88
13) Acrolein	4.044	56	42722	107.503	ug/l	100
14) Allyl chloride	4.841	41	299838	16.124	ug/l	95
15) Acrylonitrile	5.559	53	637106	91.760	ug/l	99
16) Acetone	4.291	43	636671	78.425	ug/l	97
17) Carbon Disulfide	4.527	76	240755	12.110	ug/l	99
18) Methyl Acetate	4.857	43	465758	17.649	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	622501	17.489	ug/l	98
20) Methylene Chloride	5.095	84	189044	16.422	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	148704	15.829	ug/l	89
22) Diisopropyl ether	6.498	45	714833	17.846	ug/l	97
23) Vinyl Acetate	6.436	43	2695458	87.004	ug/l	96
24) 1,1-Dichloroethane	6.388	63	350259	17.167	ug/l	98
25) 2-Butanone	7.340	43	944671	85.936	ug/l	91
26) 2,2-Dichloropropane	7.329	77	243274	15.240	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	196251	16.852	ug/l	86
28) Bromochloromethane	7.659	49	189350	18.123	ug/l #	80
29) Tetrahydrofuran	7.689	42	619399	91.818	ug/l	89
30) Chloroform	7.817	83	369905	17.685	ug/l	99
31) Cyclohexane	8.094	56	318620	15.500	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	296410	16.978	ug/l	96
36) 1,1-Dichloropropene	8.220	75	240025	16.661	ug/l	97
37) Ethyl Acetate	7.415	43	371202	19.061	ug/l	95
38) Carbon Tetrachloride	8.206	117	241104	17.335	ug/l	99
39) Methylcyclohexane	9.462	83	273039	15.235	ug/l	91
40) Benzene	8.461	78	779141	17.522	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	181586	18.046	ug/l	90
42) 1,2-Dichloroethane	8.531	62	321636	18.472	ug/l	97
43) Isopropyl Acetate	8.563	43	569445	18.205	ug/l #	93
44) Trichloroethene	9.217	130	180114	16.924	ug/l	92
45) 1,2-Dichloropropane	9.491	63	216859	18.253	ug/l	99
46) Dibromomethane	9.577	93	142551	17.914	ug/l	91
47) Bromodichloromethane	9.762	83	261741	17.626	ug/l	98
48) Methyl methacrylate	9.561	41	255987	17.394	ug/l	90
49) 1,4-Dioxane	9.569	88	86949	325.543	ug/l	86
51) 4-Methyl-2-Pentanone	10.331	43	1901811	94.194	ug/l	96
52) Toluene	10.505	92	480400	17.341	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	255972	15.918	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	288426	16.205	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	205733	18.423	ug/l	98
56) Ethyl methacrylate	10.762	69	320538	16.659	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	355448	18.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	353931	82.220	ug/l	92
59) 2-Hexanone	11.087	43	1332989	83.650	ug/l	93
60) Dibromochloromethane	11.237	129	181304	16.494	ug/l	100
61) 1,2-Dibromoethane	11.347	107	202505	16.970	ug/l	98
64) Tetrachloroethene	10.977	164	160735	17.182	ug/l	92
65) Chlorobenzene	11.771	112	514670	17.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	189763	18.971	ug/l	99
67) Ethyl Benzene	11.846	91	930731	17.499	ug/l	96
68) m/p-Xylenes	11.953	106	675453	34.530	ug/l	95
69) o-Xylene	12.280	106	337681	17.316	ug/l	91
70) Styrene	12.294	104	538321	16.427	ug/l	96
71) Bromoform	12.457	173	122468	16.562	ug/l #	99
73) Isopropylbenzene	12.578	105	895760	18.100	ug/l	99
74) N-amyl acetate	12.390	43	362106	17.265	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	328631	19.688	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	282661m	19.705	ug/l	
77) Bromobenzene	12.862	156	206435	18.239	ug/l	79
78) n-propylbenzene	12.921	91	973411	17.480	ug/l	96
79) 2-Chlorotoluene	13.007	91	626430	18.168	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	721763	18.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	62980	17.344	ug/l #	82
82) 4-Chlorotoluene	13.106	91	571180	17.377	ug/l	93
83) tert-Butylbenzene	13.324	119	645913	18.423	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	699406	18.108	ug/l	99
85) sec-Butylbenzene	13.503	105	861683	17.594	ug/l	98
86) p-Isopropyltoluene	13.616	119	668353	17.190	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	339086	17.280	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	327385	17.006	ug/l	96
89) n-Butylbenzene	13.943	91	486959	15.019	ug/l	97
90) Hexachloroethane	14.209	117	110364	16.938	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	348553	18.667	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50845	17.592	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	126135	15.203	ug/l	97
94) Hexachlorobutadiene	15.370	225	85819	17.688	ug/l	99
95) Naphthalene	15.507	128	321542	15.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	125006	15.684	ug/l	98

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

