

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067938.D
 Acq On : 27 Jul 2021 19:14
 Operator : JC/MD
 Sample : M3147-11MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-DDC-1-PSMS

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:59:01 PM

Quant Time: Jul 28 05:23:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	345299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	631728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	615650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	299900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	276526	52.989	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.980%			
35) Dibromofluoromethane	8.024	113	211681	55.461	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.920%			
50) Toluene-d8	10.443	98	838925	52.512	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.020%			
62) 4-Bromofluorobenzene	12.734	95	306392	54.290	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	128648	43.833	ug/l	97
3) Chloromethane	2.301	50	183074	39.383	ug/l	98
4) Vinyl Chloride	2.443	62	313079	44.626	ug/l	97
5) Bromomethane	2.818	94	299671	64.220	ug/l	99
6) Chloroethane	2.995	64	246743	52.545	ug/l	97
7) Trichlorofluoromethane	3.363	101	599718	56.665	ug/l	100
8) Diethyl Ether	3.813	74	136636	48.924	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.194	101	169108	52.844	ug/l	96
10) Methyl Iodide	4.411	142	209029	54.832	ug/l	92
11) Tert butyl alcohol	5.393	59	187820	250.460	ug/l	# 87
12) 1,1-Dichloroethene	4.167	96	160252	52.194	ug/l	87
13) Acrolein	4.036	56	99510	272.578	ug/l	100
14) Allyl chloride	4.832	41	277967	49.251	ug/l	95
15) Acrylonitrile	5.557	53	533787	286.985	ug/l	99
16) Acetone	4.291	43	443023	269.798	ug/l	95
17) Carbon Disulfide	4.519	76	381203	44.822	ug/l	100
18) Methyl Acetate	4.857	43	248512	53.882	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	680906	53.517	ug/l	99
20) Methylene Chloride	5.090	84	209054	54.600	ug/l	91
21) trans-1,2-Dichloroethene	5.589	96	191871	52.856	ug/l	88
22) Diisopropyl ether	6.501	45	689268	53.819	ug/l	95
23) Vinyl Acetate	6.434	43	2766344m	252.648	ug/l	
24) 1,1-Dichloroethane	6.383	63	378729	53.046	ug/l	98
25) 2-Butanone	7.340	43	754718	276.789	ug/l	94
26) 2,2-Dichloropropane	7.324	77	303851	48.698	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	241536	53.170	ug/l	85
28) Bromochloromethane	7.657	49	175857	50.476	ug/l	# 81
29) Tetrahydrofuran	7.686	42	496653	276.977	ug/l	92
30) Chloroform	7.817	83	435481	54.301	ug/l	100
31) Cyclohexane	8.094	56	316718	43.284	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	380628	54.735	ug/l	98
36) 1,1-Dichloropropene	8.222	75	297580	50.711	ug/l	96
37) Ethyl Acetate	7.418	43	300280	52.812	ug/l	98
38) Carbon Tetrachloride	8.206	117	318922	55.098	ug/l	99
39) Methylcyclohexane	9.459	83	307153	47.813	ug/l	92
40) Benzene	8.461	78	933207	53.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	160749	55.009	ug/l	93
42) 1,2-Dichloroethane	8.531	62	345955	53.035	ug/l	96
43) Isopropyl Acetate	8.563	43	522191	52.211	ug/l	96
44) Trichloroethene	9.217	130	235319	52.788	ug/l	86
45) 1,2-Dichloropropane	9.491	63	237282	53.355	ug/l	100
46) Dibromomethane	9.580	93	175106	55.491	ug/l	94
47) Bromodichloromethane	9.765	83	337669	54.736	ug/l	98
48) Methyl methacrylate	9.561	41	231349	52.299	ug/l	88
49) 1,4-Dioxane	9.571	88	87685	996.441	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	1737005	282.697	ug/l	94
52) Toluene	10.507	92	615495	53.493	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	356271	48.518	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	368613	53.729	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	251228	56.974	ug/l	96
56) Ethyl methacrylate	10.762	69	381448	56.150	ug/l	92
57) 1,3-Dichloropropane	11.047	76	413193	54.646	ug/l	100
59) 2-Hexanone	11.089	43	1250020	291.455	ug/l	93
60) Dibromochloromethane	11.240	129	258060	47.793	ug/l	97
61) 1,2-Dibromoethane	11.347	107	259607	57.667	ug/l	98
64) Tetrachloroethene	10.980	164	235673	54.230	ug/l	98
65) Chlorobenzene	11.773	112	662087	52.362	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	252926	56.867	ug/l	100
67) Ethyl Benzene	11.846	91	1238301	53.795	ug/l	96
68) m/p-Xylenes	11.956	106	935911	107.500	ug/l	88
69) o-Xylene	12.283	106	456429	53.323	ug/l	89
70) Styrene	12.296	104	780120	56.974	ug/l	93
71) Bromoform	12.460	173	181349	46.223	ug/l #	100
73) Isopropylbenzene	12.581	105	1202919	49.713	ug/l	98
74) N-amyl acetate	12.390	43	435375	49.596	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	373056	53.122	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	314482m	51.348	ug/l	
77) Bromobenzene	12.862	156	272199	50.826	ug/l	78
78) n-propylbenzene	12.924	91	1389238	50.762	ug/l	96
79) 2-Chlorotoluene	13.010	91	823445	49.802	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1014380	51.738	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	102027	53.710	ug/l	96
82) 4-Chlorotoluene	13.106	91	841872	51.455	ug/l	92
83) tert-Butylbenzene	13.326	119	862900	51.607	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1012570	52.708	ug/l	94
85) sec-Butylbenzene	13.503	105	1182106	51.084	ug/l	96
86) p-Isopropyltoluene	13.619	119	961064	51.466	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	517716	52.109	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	504774	49.624	ug/l	95
89) n-Butylbenzene	13.946	91	772879	48.253	ug/l	97
90) Hexachloroethane	14.214	117	171372	55.256	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	484327	50.502	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	62829	51.512	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	196395	39.883	ug/l	98
94) Hexachlorobutadiene	15.373	225	94295	46.792	ug/l	99
95) Naphthalene	15.509	128	563129	39.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	185093	39.249	ug/l	99

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

