

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067939.D
 Acq On : 27 Jul 2021 19:39
 Operator : JC/MD
 Sample : M3147-12MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:59:03 PM

Quant Time: Jul 28 05:23:54 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	8.088	168	376622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	675594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	668654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	323258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	289488	50.860	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.720%			
35) Dibromofluoromethane	8.021	113	222985	54.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.260%			
50) Toluene-d8	10.443	98	874078	51.160	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.734	95	330359	54.736	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	163407	51.046	ug/l	99
3) Chloromethane	2.301	50	210417	41.500	ug/l	99
4) Vinyl Chloride	2.443	62	347243	45.379	ug/l	97
5) Bromomethane	2.818	94	296959	57.848	ug/l	99
6) Chloroethane	2.998	64	252112	48.476	ug/l	97
7) Trichlorofluoromethane	3.363	101	634252	54.835	ug/l	99
8) Diethyl Ether	3.819	74	139155	45.682	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.197	101	188459	53.993	ug/l	95
10) Methyl Iodide	4.411	142	238017	57.243	ug/l	91
11) Tert butyl alcohol	5.390	59	215782	263.816	ug/l	# 84
12) 1,1-Dichloroethene	4.170	96	178748	53.376	ug/l	87
13) Acrolein	4.039	56	110324	277.136	ug/l	99
14) Allyl chloride	4.832	41	308769	50.158	ug/l	97
15) Acrylonitrile	5.557	53	582112	286.938	ug/l	99
16) Acetone	4.288	43	473593	264.428	ug/l	92
17) Carbon Disulfide	4.519	76	424928	45.808	ug/l	99
18) Methyl Acetate	4.857	43	264375	52.554	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	739694	53.303	ug/l	100
20) Methylene Chloride	5.090	84	233439	55.915	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	210855	53.255	ug/l	89
22) Diisopropyl ether	6.501	45	727093	52.051	ug/l	97
23) Vinyl Acetate	6.436	43	2924178	244.852	ug/l	95
24) 1,1-Dichloroethane	6.385	63	410804	52.753	ug/l	98
25) 2-Butanone	7.340	43	796938	267.965	ug/l	94
26) 2,2-Dichloropropane	7.321	77	323649	47.557	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	259364	52.346	ug/l	85
28) Bromochloromethane	7.657	49	182566	48.044	ug/l	# 78
29) Tetrahydrofuran	7.689	42	526694	269.301	ug/l	93
30) Chloroform	7.820	83	459616	52.544	ug/l	100
31) Cyclohexane	8.094	56	342346	42.895	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	398740	52.571	ug/l	98
36) 1,1-Dichloropropene	8.223	75	317729	50.629	ug/l	95
37) Ethyl Acetate	7.418	43	306632	50.428	ug/l	99
38) Carbon Tetrachloride	8.206	117	339156	54.789	ug/l	99
39) Methylcyclohexane	9.462	83	335770	48.874	ug/l	90
40) Benzene	8.461	78	977259	52.024	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	169748	54.317	ug/l	94
42) 1,2-Dichloroethane	8.531	62	363353	52.086	ug/l	96
43) Isopropyl Acetate	8.563	43	547743	51.210	ug/l	95
44) Trichloroethene	9.218	130	247045	51.820	ug/l	89
45) 1,2-Dichloropropane	9.491	63	251456	52.871	ug/l	96
46) Dibromomethane	9.577	93	182576	54.102	ug/l	95
47) Bromodichloromethane	9.765	83	358258	54.303	ug/l	98
48) Methyl methacrylate	9.561	41	247854	52.392	ug/l	89
49) 1,4-Dioxane	9.572	88	94830	1007.303	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1848685	281.337	ug/l	95
52) Toluene	10.508	92	668473	54.325	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	382743	48.731	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	388826	52.996	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	264514	56.092	ug/l	97
56) Ethyl methacrylate	10.765	69	413891	56.970	ug/l	90
57) 1,3-Dichloropropane	11.047	76	432803	53.523	ug/l	99
59) 2-Hexanone	11.090	43	1347002	293.675	ug/l	95
60) Dibromochloromethane	11.240	129	279844	48.430	ug/l	98
61) 1,2-Dibromoethane	11.350	107	278085	57.761	ug/l	99
64) Tetrachloroethene	10.980	164	245391	51.990	ug/l	96
65) Chlorobenzene	11.773	112	726196	52.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	277264	57.397	ug/l	99
67) Ethyl Benzene	11.849	91	1339249	53.569	ug/l	96
68) m/p-Xylenes	11.956	106	1027018	108.613	ug/l	85
69) o-Xylene	12.283	106	509159	54.768	ug/l	87
70) Styrene	12.296	104	860459	57.860	ug/l	92
71) Bromoform	12.460	173	203317	47.612	ug/l #	99
73) Isopropylbenzene	12.581	105	1308438	50.167	ug/l	97
74) N-amyl acetate	12.390	43	465591	49.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	403179	53.263	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	342541m	51.888	ug/l	
77) Bromobenzene	12.865	156	308704	53.477	ug/l	75
78) n-propylbenzene	12.924	91	1496183	50.720	ug/l	96
79) 2-Chlorotoluene	13.010	91	917333	51.472	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1101288	52.112	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	112138	54.767	ug/l	94
82) 4-Chlorotoluene	13.106	91	920604	52.202	ug/l	91
83) tert-Butylbenzene	13.326	119	937595	52.022	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1111674	53.685	ug/l	93
85) sec-Butylbenzene	13.506	105	1296661	51.985	ug/l	96
86) p-Isopropyltoluene	13.619	119	1073428	53.330	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	575648	53.753	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	564693	51.503	ug/l	95
89) n-Butylbenzene	13.946	91	834992	48.364	ug/l	98
90) Hexachloroethane	14.214	117	188107	56.270	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	539220	52.163	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	68230	51.898	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	217982	40.989	ug/l	99
94) Hexachlorobutadiene	15.373	225	95768	44.089	ug/l	96
95) Naphthalene	15.507	128	688943	43.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	213535	41.823	ug/l	98

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

