

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067767.D
 Acq On : 16 Jul 2021 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:49 PM

Quant Time: Jul 16 14:00:36 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	414259	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	727703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	716132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	358086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	304166	48.583	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.160%		
35) Dibromofluoromethane	8.021	113	226795	51.584	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.160%		
50) Toluene-d8	10.443	98	945885	51.398	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.734	95	345999	53.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	191010	54.247	ug/l	97
3) Chloromethane	2.301	50	237460	42.579	ug/l	99
4) Vinyl Chloride	2.443	62	382749	45.474	ug/l	98
5) Bromomethane	2.832	94	285776	49.930	ug/l	98
6) Chloroethane	3.006	64	287062	50.579	ug/l	100
7) Trichlorofluoromethane	3.365	101	688109	54.037	ug/l	98
8) Diethyl Ether	3.813	74	151608	45.248	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	205592	53.550	ug/l	95
10) Methyl Iodide	4.414	142	252502	55.210	ug/l	91
11) Tert butyl alcohol	5.388	59	217737	242.020	ug/l	99
12) 1,1-Dichloroethene	4.167	96	188092	51.064	ug/l	89
13) Acrolein	4.039	56	130975	299.455	ug/l	99
14) Allyl chloride	4.832	41	333792	49.297	ug/l	95
15) Acrylonitrile	5.554	53	585035	262.178	ug/l	100
16) Acetone	4.288	43	520314	264.120	ug/l	94
17) Carbon Disulfide	4.519	76	503033	49.301	ug/l	100
18) Methyl Acetate	4.854	43	270396	48.867	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	781927	51.227	ug/l	100
20) Methylene Chloride	5.093	84	240563	52.342	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	224599	51.573	ug/l	88
22) Diisopropyl ether	6.498	45	791815	51.534	ug/l	97
23) Vinyl Acetate	6.434	43	3390726	258.123	ug/l	95
24) 1,1-Dichloroethane	6.383	63	427567	49.917	ug/l	98
25) 2-Butanone	7.340	43	840477	256.929	ug/l	94
26) 2,2-Dichloropropane	7.324	77	393048	52.507	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	274457	50.360	ug/l	88
28) Bromochloromethane	7.657	49	194202	46.463	ug/l	# 81
29) Tetrahydrofuran	7.689	42	546988	254.268	ug/l	92
30) Chloroform	7.817	83	484498	50.357	ug/l	98
31) Cyclohexane	8.094	56	389336	44.351	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	428969	51.418	ug/l	98
36) 1,1-Dichloropropene	8.220	75	351251	51.963	ug/l	95
37) Ethyl Acetate	7.415	43	343122	52.388	ug/l	# 92
38) Carbon Tetrachloride	8.206	117	365568	54.827	ug/l	98
39) Methylcyclohexane	9.462	83	390683	52.794	ug/l	92
40) Benzene	8.461	78	1057375	52.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	170244	50.575	ug/l	92
42) 1,2-Dichloroethane	8.531	62	393900	52.421	ug/l	96
43) Isopropyl Acetate	8.563	43	604187	52.442	ug/l	96
44) Trichloroethene	9.217	130	269741	52.529	ug/l	87
45) 1,2-Dichloropropane	9.491	63	265152	51.759	ug/l	98
46) Dibromomethane	9.577	93	199165	54.791	ug/l	95
47) Bromodichloromethane	9.765	83	386775	54.427	ug/l	99
48) Methyl methacrylate	9.561	41	264980	52.002	ug/l	93
49) 1,4-Dioxane	9.571	88	98180	969.456	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1919239	271.159	ug/l	95
52) Toluene	10.507	92	723673	54.599	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	427869	50.509	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	442480	55.990	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	279314	54.989	ug/l	99
56) Ethyl methacrylate	10.762	69	449531	57.445	ug/l	91
57) 1,3-Dichloropropane	11.047	76	469671	53.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	557073	265.797	ug/l	93
59) 2-Hexanone	11.087	43	1390007	281.351	ug/l	94
60) Dibromochloromethane	11.240	129	303427	48.735	ug/l	99
61) 1,2-Dibromoethane	11.350	107	292413	56.387	ug/l	99
64) Tetrachloroethene	10.980	164	270749	53.560	ug/l	97
65) Chlorobenzene	11.773	112	773111	52.563	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	292107	56.461	ug/l	99
67) Ethyl Benzene	11.846	91	1440853	53.812	ug/l	96
68) m/p-Xylenes	11.956	106	1115963	110.195	ug/l	88
69) o-Xylene	12.283	106	548827	55.121	ug/l	86
70) Styrene	12.296	104	926648	58.179	ug/l	93
71) Bromoform	12.460	173	214139	46.874	ug/l #	99
73) Isopropylbenzene	12.581	105	1418744	49.105	ug/l	96
74) N-amyl acetate	12.390	43	535073	51.049	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	414395	49.420	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	356630m	48.768	ug/l	
77) Bromobenzene	12.862	156	324696	50.777	ug/l	76
78) n-propylbenzene	12.924	91	1655021	50.647	ug/l	95
79) 2-Chlorotoluene	13.010	91	983539	49.819	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1203958	51.429	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	123275	54.350	ug/l	96
82) 4-Chlorotoluene	13.106	91	1003383	51.362	ug/l	91
83) tert-Butylbenzene	13.326	119	1014090	50.794	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1199664	52.299	ug/l	94
85) sec-Butylbenzene	13.503	105	1420260	51.402	ug/l	95
86) p-Isopropyltoluene	13.619	119	1188728	53.314	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	631936	53.270	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	620948	51.125	ug/l	95
89) n-Butylbenzene	13.946	91	996980	52.131	ug/l	98
90) Hexachloroethane	14.214	117	198586	53.626	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	598568	52.272	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	73557	50.508	ug/l	68
93) 1,2,4-Trichlorobenzene	15.265	180	274427	46.219	ug/l	99
94) Hexachlorobutadiene	15.373	225	126819	52.706	ug/l	99
95) Naphthalene	15.509	128	810536	46.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	260185	45.741	ug/l	98

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

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