

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067262.D
 Acq On : 10 Jun 2021 10:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:32 PM

Quant Time: Jun 10 11:18:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:15:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	345366	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	665265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	611392	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	264526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	322957	62.592	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 125.180%			
35) Dibromofluoromethane	8.024	113	208488	51.694	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.380%			
50) Toluene-d8	10.443	98	821457	45.704	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 91.400%			
62) 4-Bromofluorobenzene	12.733	95	335921	50.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	222372	66.229	ug/l	98
3) Chloromethane	2.303	50	287882	57.092	ug/l	96
4) Vinyl Chloride	2.443	62	275947	28.343	ug/l	98
5) Bromomethane	2.837	94	129037	16.170	ug/l	96
6) Chloroethane	3.011	64	165350	21.055	ug/l	98
7) Trichlorofluoromethane	3.368	101	348762	16.757	ug/l	98
8) Diethyl Ether	3.821	74	149387	54.653	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.199	101	202768	67.925	ug/l #	82
10) Methyl Iodide	4.417	142	230691	63.557	ug/l #	81
11) Tert butyl alcohol	5.396	59	291981	367.531	ug/l #	82
12) 1,1-Dichloroethene	4.173	96	195429	65.550	ug/l #	73
13) Acrolein	4.039	56	114107	270.840	ug/l	91
14) Allyl chloride	4.835	41	479078	78.275	ug/l #	87
15) Acrylonitrile	5.562	53	641270	348.367	ug/l	99
16) Acetone	4.293	43	645357	399.693	ug/l #	86
17) Carbon Disulfide	4.524	76	558000	63.413	ug/l	99
18) Methyl Acetate	4.859	43	389183	75.593	ug/l #	89
19) Methyl tert-butyl Ether	5.624	73	785671	64.980	ug/l	98
20) Methylene Chloride	5.098	84	240018	61.623	ug/l #	82
21) trans-1,2-Dichloroethene	5.594	96	213684	56.739	ug/l #	81
22) Diisopropyl ether	6.506	45	852099	64.227	ug/l #	87
23) Vinyl Acetate	6.436	43	4102018	325.870	ug/l #	91
24) 1,1-Dichloroethane	6.388	63	483560	65.116	ug/l	96
25) 2-Butanone	7.343	43	1042860	352.618	ug/l #	87
26) 2,2-Dichloropropane	7.327	77	467351	66.040	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	261583	57.035	ug/l	78
28) Bromochloromethane	7.659	49	229172	58.483	ug/l #	63
29) Tetrahydrofuran	7.691	42	610332	332.816	ug/l #	82
30) Chloroform	7.820	83	482811	59.108	ug/l	98
31) Cyclohexane	8.094	56	385269	58.430	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	444495	59.703	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	356501	58.044	ug/l	93
37) Ethyl Acetate	7.421	43	415670	64.141	ug/l #	93
38) Carbon Tetrachloride	8.209	117	379378	58.044	ug/l	97
39) Methylcyclohexane	9.461	83	377860	53.487	ug/l #	86
40) Benzene	8.461	78	1033962	54.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	226580	67.458	ug/l #	76
42) 1,2-Dichloroethane	8.534	62	428378	62.811	ug/l	92
43) Isopropyl Acetate	8.566	43	763228	63.887	ug/l #	89
44) Trichloroethene	9.217	130	236527	50.820	ug/l	73
45) 1,2-Dichloropropane	9.494	63	291854	59.333	ug/l	98
46) Dibromomethane	9.580	93	182708	51.867	ug/l #	78
47) Bromodichloromethane	9.765	83	418500	59.522	ug/l	98
48) Methyl methacrylate	9.563	41	353018	66.095	ug/l #	76
49) 1,4-Dioxane	9.574	88	86965	1062.982	ug/l #	78
51) 4-Methyl-2-Pentanone	10.336	43	2277953	298.424	ug/l	88
52) Toluene	10.507	92	653238	47.765	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	483526	56.740	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	487562	57.013	ug/l #	79
55) 1,1,2-Trichloroethane	10.902	97	249330	49.253	ug/l	95
56) Ethyl methacrylate	10.765	69	462892	54.702	ug/l #	71
57) 1,3-Dichloropropane	11.047	76	465705	55.109	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	527838	282.093	ug/l	90
59) 2-Hexanone	11.089	43	1629541	299.848	ug/l	86
60) Dibromochloromethane	11.240	129	288926	49.831	ug/l	100
61) 1,2-Dibromoethane	11.350	107	256143	49.390	ug/l	100
64) Tetrachloroethene	10.980	164	215166	52.132	ug/l #	87
65) Chlorobenzene	11.773	112	673512	52.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	255334	53.287	ug/l	99
67) Ethyl Benzene	11.848	91	1313370	54.788	ug/l	95
68) m/p-Xylenes	11.956	106	951257	101.566	ug/l	83
69) o-Xylene	12.283	106	465080	50.828	ug/l	83
70) Styrene	12.296	104	782410	50.008	ug/l #	90
71) Bromoform	12.460	173	190713	49.223	ug/l #	99
73) Isopropylbenzene	12.581	105	1262469	57.915	ug/l	95
74) N-amyl acetate	12.390	43	640589	70.218	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	378476	61.768	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	330164m	60.974	ug/l	
77) Bromobenzene	12.862	156	249270	54.133	ug/l #	53
78) n-propylbenzene	12.921	91	1473329	59.800	ug/l	92
79) 2-Chlorotoluene	13.106	91	902823	61.016	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	1072171	58.366	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	140259	64.347	ug/l #	83
82) 4-Chlorotoluene	13.010	91	895961	62.701	ug/l	90
83) tert-Butylbenzene	13.326	119	874548	55.862	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	1062482	58.231	ug/l	92
85) sec-Butylbenzene	13.503	105	1237239	56.801	ug/l	94
86) p-Isopropyltoluene	13.619	119	1041315	55.327	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	463080	52.843	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	452650	51.875	ug/l	92
89) n-Butylbenzene	13.943	91	969910	58.440	ug/l	95
90) Hexachloroethane	14.211	117	191630	61.178	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	440990	52.380	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	90819	73.142	ug/l	57
93) 1,2,4-Trichlorobenzene	15.265	180	235153	56.479	ug/l	96
94) Hexachlorobutadiene	15.373	225	132843	68.031	ug/l	99
95) Naphthalene	15.507	128	683897	55.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	214212	54.902	ug/l	97

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

