

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069246.D
 Acq On : 28 Oct 2021 11:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 28 12:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 12:47:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	273407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	477249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	452569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	202278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	205128	54.711	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.420%			
35) Dibromofluoromethane	8.024	113	155362	54.036	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.080%			
50) Toluene-d8	10.443	98	626155	54.567	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.140%			
62) 4-Bromofluorobenzene	12.731	95	236666	54.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	162853	54.708	ug/l	99
3) Chloromethane	2.301	50	170713	51.502	ug/l	99
4) Vinyl Chloride	2.443	62	200008	58.152	ug/l	99
5) Bromomethane	2.829	94	130781	66.508	ug/l	98
6) Chloroethane	3.003	64	131311	63.402	ug/l	98
7) Trichlorofluoromethane	3.368	101	258432	54.243	ug/l	97
8) Diethyl Ether	3.824	74	92520	52.357	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.213	101	138844	54.182	ug/l	99
10) Methyl Iodide	4.422	142	188863	51.451	ug/l	97
11) Tert butyl alcohol	5.363	59	189085	279.626	ug/l	100
12) 1,1-Dichloroethene	4.183	96	133110	50.553	ug/l	99
13) Acrolein	4.041	56	46855	170.273	ug/l	97
14) Allyl chloride	4.840	41	232669	50.068	ug/l	96
15) Acrylonitrile	5.551	53	450619	298.599	ug/l	99
16) Acetone	4.283	43	446753	318.699	ug/l	100
17) Carbon Disulfide	4.535	76	338654	48.329	ug/l	98
18) Methyl Acetate	4.851	43	305964	58.683	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	528636	53.889	ug/l	98
20) Methylene Chloride	5.095	84	158947	51.453	ug/l	97
21) trans-1,2-Dichloroethene	5.602	96	145607	51.321	ug/l	99
22) Diisopropyl ether	6.495	45	512624	52.731	ug/l	100
23) Vinyl Acetate	6.433	43	2004431	270.943	ug/l	98
24) 1,1-Dichloroethane	6.388	63	282630	52.943	ug/l	100
25) 2-Butanone	7.335	43	658791	313.909	ug/l	97
26) 2,2-Dichloropropane	7.327	77	256638	50.871	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	179579	52.159	ug/l	99
28) Bromochloromethane	7.659	49	134837	54.749	ug/l	97
29) Tetrahydrofuran	7.681	42	424114	312.922	ug/l	97
30) Chloroform	7.820	83	311470	55.084	ug/l	99
31) Cyclohexane	8.096	56	268439	48.388	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	281306	53.580	ug/l	99
36) 1,1-Dichloropropene	8.222	75	222503	54.683	ug/l	99
37) Ethyl Acetate	7.412	43	258595	60.236	ug/l	99
38) Carbon Tetrachloride	8.206	117	237768	53.444	ug/l	97
39) Methylcyclohexane	9.461	83	276857	53.259	ug/l	97
40) Benzene	8.461	78	675986	54.625	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	119621	56.377	ug/l	90
42) 1,2-Dichloroethane	8.531	62	252790	57.173	ug/l	99
43) Isopropyl Acetate	8.560	43	416790	56.165	ug/l	99
44) Trichloroethene	9.217	130	167187	54.070	ug/l	97
45) 1,2-Dichloropropane	9.491	63	171330	53.530	ug/l	98
46) Dibromomethane	9.577	93	122854	55.670	ug/l	99
47) Bromodichloromethane	9.762	83	241418	53.505	ug/l	99
48) Methyl methacrylate	9.561	41	183983	53.322	ug/l	91
49) 1,4-Dioxane	9.569	88	83519	1338.317	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	1335976	304.540	ug/l	99
52) Toluene	10.505	92	445931	56.010	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	270008	52.962	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	281529	53.038	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	176863	55.935	ug/l	98
56) Ethyl methacrylate	10.762	69	298669	56.347	ug/l	98
57) 1,3-Dichloropropane	11.046	76	296769	57.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	407693	309.387	ug/l	99
59) 2-Hexanone	11.087	43	1015892	319.245	ug/l	99
60) Dibromochloromethane	11.240	129	184068	52.455	ug/l	99
61) 1,2-Dibromoethane	11.347	107	189287	58.231	ug/l	100
64) Tetrachloroethene	10.979	164	148537	51.625	ug/l	96
65) Chlorobenzene	11.771	112	471078	54.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	177306	53.221	ug/l	99
67) Ethyl Benzene	11.846	91	886043	55.717	ug/l	99
68) m/p-Xylenes	11.953	106	666253	110.589	ug/l	99
69) o-Xylene	12.283	106	332658	55.136	ug/l	99
70) Styrene	12.296	104	551672	56.093	ug/l	100
71) Bromoform	12.460	173	135381	51.310	ug/l #	98
73) Isopropylbenzene	12.581	105	880618	52.481	ug/l	100
74) N-amyl acetate	12.387	43	350135	54.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	281803	57.064	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	298481m	67.275	ug/l	
77) Bromobenzene	12.862	156	198196	53.329	ug/l	99
78) n-propylbenzene	12.921	91	1002404	53.196	ug/l	100
79) 2-Chlorotoluene	13.010	91	616029	52.943	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	732628	52.479	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	87537	49.380	ug/l	92
82) 4-Chlorotoluene	13.106	91	600568	53.408	ug/l	100
83) tert-Butylbenzene	13.326	119	638347	52.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	720048	53.462	ug/l	100
85) sec-Butylbenzene	13.503	105	904730	53.643	ug/l	99
86) p-Isopropyltoluene	13.616	119	723755	53.563	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	353434	54.863	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	342360	53.732	ug/l	100
89) n-Butylbenzene	13.943	91	594848	53.123	ug/l	99
90) Hexachloroethane	14.211	117	131037	47.181	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	344079	55.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	55623	58.544	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	155377	56.473	ug/l	99
94) Hexachlorobutadiene	15.370	225	85868	49.275	ug/l	98
95) Naphthalene	15.507	128	468373	63.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	153937	58.647	ug/l	99

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

