

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078550.D
 Acq On : 18 Jul 2023 10:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 01:43:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	483266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	784393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	713959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	297857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318326	49.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	8.171	113	292460	54.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.860%		
50) Toluene-d8	10.570	98	1085292	53.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.900%		
62) 4-Bromofluorobenzene	12.853	95	344269	55.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	249258	42.068	ug/l	99
3) Chloromethane	2.371	50	319591	49.626	ug/l	99
4) Vinyl Chloride	2.524	62	401756	48.225	ug/l	97
5) Bromomethane	2.947	94	255948	48.415	ug/l	96
6) Chloroethane	3.118	64	249114	49.410	ug/l	96
7) Trichlorofluoromethane	3.500	101	453931	45.582	ug/l	96
8) Diethyl Ether	3.971	74	146445	44.137	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	254864	48.346	ug/l	95
10) Methyl Iodide	4.600	142	346572	47.842	ug/l	97
11) Tert butyl alcohol	5.536	59	218959	219.171	ug/l	99
12) 1,1-Dichloroethene	4.347	96	236930	46.463	ug/l	93
13) Acrolein	4.189	56	214092	217.813	ug/l	95
14) Allyl chloride	5.036	41	327055	46.937	ug/l	94
15) Acrylonitrile	5.736	53	575617	228.041	ug/l	100
16) Acetone	4.441	43	473421	234.586	ug/l	96
17) Carbon Disulfide	4.724	76	587254	39.826	ug/l	99
18) Methyl Acetate	5.036	43	373798	43.754	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	796078	47.382	ug/l	97
20) Methylene Chloride	5.288	84	277000	47.798	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	266784	46.427	ug/l	90
22) Diisopropyl ether	6.683	45	747081	47.883	ug/l	97
23) Vinyl Acetate	6.612	43	2311363	233.026	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	485912	46.219	ug/l	98
25) 2-Butanone	7.494	43	733979	231.045	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	422491	49.134	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	324249	48.777	ug/l	97
28) Bromochloromethane	7.818	49	239549	48.376	ug/l	96
29) Tetrahydrofuran	7.847	42	466745	223.912	ug/l	87
30) Chloroform	7.977	83	541057	49.432	ug/l	94
31) Cyclohexane	8.265	56	365781	41.777	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	482484	49.166	ug/l	98
36) 1,1-Dichloropropene	8.377	75	374993	48.774	ug/l	100
37) Ethyl Acetate	7.571	43	302176	47.148	ug/l	95
38) Carbon Tetrachloride	8.371	117	429081	51.350	ug/l	96
39) Methylcyclohexane	9.606	83	357201	50.898	ug/l	94
40) Benzene	8.612	78	1154557	50.689	ug/l	99

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41) Methacrylonitrile	7.782	41	162094	49.611	ug/l	94
42) 1,2-Dichloroethane	8.676	62	402401	51.940	ug/l	98
43) Isopropyl Acetate	8.694	43	521067	49.381	ug/l	96
44) Trichloroethene	9.359	130	308030	50.176	ug/l	100
45) 1,2-Dichloropropane	9.629	63	296947	51.474	ug/l	100
46) Dibromomethane	9.712	93	211572	52.107	ug/l	90
47) Bromodichloromethane	9.894	83	433050	53.205	ug/l	98
48) Methyl methacrylate	9.688	41	241511	49.403	ug/l	90
49) 1,4-Dioxane	9.700	88	104509	980.285	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1595269	254.170	ug/l	94
52) Toluene	10.635	92	741320	52.513	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	438659	52.607	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	477353	53.706	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	292203	52.535	ug/l	94
56) Ethyl methacrylate	10.876	69	411537	52.930	ug/l	93
57) 1,3-Dichloropropane	11.170	76	484012	51.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	730799	263.748	ug/l	93
59) 2-Hexanone	11.200	43	1117256	250.466	ug/l	92
60) Dibromochloromethane	11.365	129	333053	54.240	ug/l	98
61) 1,2-Dibromoethane	11.476	107	302218	52.747	ug/l	98
64) Tetrachloroethene	11.112	164	277182	51.639	ug/l	94
65) Chlorobenzene	11.894	112	805162	50.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	317545	51.723	ug/l	97
67) Ethyl Benzene	11.970	91	1393402	51.655	ug/l	100
68) m/p-Xylenes	12.076	106	1071974	107.481	ug/l	98
69) o-Xylene	12.400	106	519628	51.582	ug/l	97
70) Styrene	12.417	104	865578	54.922	ug/l	98
71) Bromoform	12.582	173	226819	54.552	ug/l #	99
73) Isopropylbenzene	12.700	105	1328412	47.464	ug/l	98
74) N-amyl acetate	12.500	43	410888	42.600	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	408219	52.368	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	328629m	45.646	ug/l	
77) Bromobenzene	12.982	156	321285	52.876	ug/l	93
78) n-propylbenzene	13.041	91	1490384	49.793	ug/l	99
79) 2-Chlorotoluene	13.129	91	906886	46.257	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1091097	49.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	124149	45.314	ug/l	95
82) 4-Chlorotoluene	13.229	91	887968	48.551	ug/l	97
83) tert-Butylbenzene	13.441	119	914375	48.702	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1069143	49.774	ug/l	97
85) sec-Butylbenzene	13.623	105	1178828	49.674	ug/l	99
86) p-Isopropyltoluene	13.735	119	967865	50.792	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	547603	50.966	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	526549	48.654	ug/l	97
89) n-Butylbenzene	14.058	91	705508	51.745	ug/l	98
90) Hexachloroethane	14.341	117	189491	54.172	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	531275	49.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63963	47.648	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	170335	49.914	ug/l	95
94) Hexachlorobutadiene	15.505	225	100054	57.278	ug/l	99
95) Naphthalene	15.647	128	487735	41.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	185539	47.284	ug/l	96

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

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