

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077291.D
 Acq On : 11 Apr 2023 09:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 04:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	562651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1071703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	998903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	445951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	361290	46.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.960%		
35) Dibromofluoromethane	8.172	113	325006	47.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	10.566	98	1337876	48.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.848	95	471857	51.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	305365	42.522	ug/l	99
3) Chloromethane	2.372	50	352609	39.621	ug/l	95
4) Vinyl Chloride	2.525	62	514040	42.602	ug/l	98
5) Bromomethane	2.948	94	353052	40.360	ug/l	96
6) Chloroethane	3.119	64	348107	40.425	ug/l	98
7) Trichlorofluoromethane	3.507	101	490625	46.894	ug/l	100
8) Diethyl Ether	3.966	74	199505	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	296281	46.272	ug/l	99
10) Methyl Iodide	4.601	142	364032	46.748	ug/l	97
11) Tert butyl alcohol	5.525	59	291304	185.646	ug/l	99
12) 1,1-Dichloroethene	4.342	96	298216	45.245	ug/l	93
13) Acrolein	4.184	56	291264	195.988	ug/l	97
14) Allyl chloride	5.031	41	398443	40.026	ug/l	94
15) Acrylonitrile	5.725	53	709287	204.465	ug/l	99
16) Acetone	4.431	43	693428	244.568	ug/l	99
17) Carbon Disulfide	4.725	76	807368	45.426	ug/l	100
18) Methyl Acetate	5.031	43	424112	39.275	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	1073448	45.899	ug/l	98
20) Methylene Chloride	5.284	84	342838	42.815	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	335613	46.506	ug/l	94
22) Diisopropyl ether	6.678	45	913738	45.784	ug/l	98
23) Vinyl Acetate	6.607	43	3016379	223.531	ug/l	99
24) 1,1-Dichloroethane	6.572	63	587798	45.610	ug/l	99
25) 2-Butanone	7.483	43	976288	212.161	ug/l	97
26) 2,2-Dichloropropane	7.495	77	579851	49.067	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	413253	46.893	ug/l	99
28) Bromochloromethane	7.813	49	255422	49.271	ug/l	97
29) Tetrahydrofuran	7.842	42	581476	196.574	ug/l	100
30) Chloroform	7.972	83	641189	46.655	ug/l	95
31) Cyclohexane	8.260	56	522129	43.696	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	587529	47.006	ug/l	98
36) 1,1-Dichloropropene	8.372	75	492236	48.510	ug/l	99
37) Ethyl Acetate	7.560	43	375969	41.412	ug/l	99
38) Carbon Tetrachloride	8.366	117	504284	48.508	ug/l	98
39) Methylcyclohexane	9.601	83	668453	48.855	ug/l	97
40) Benzene	8.607	78	1485285	46.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	197481	40.468	ug/l	97
42) 1,2-Dichloroethane	8.672	62	458155	47.034	ug/l	97
43) Isopropyl Acetate	8.689	43	694071	41.431	ug/l	99
44) Trichloroethene	9.354	130	369392	48.778	ug/l	95
45) 1,2-Dichloropropane	9.624	63	363950	48.419	ug/l	95
46) Dibromomethane	9.707	93	262006	46.264	ug/l	99
47) Bromodichloromethane	9.889	83	530564	46.871	ug/l	99
48) Methyl methacrylate	9.683	41	311986	43.657	ug/l	98
49) 1,4-Dioxane	9.695	88	137273	792.296	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	2025764	209.204	ug/l	99
52) Toluene	10.630	92	1012539	48.877	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	607903	49.455	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	639426	48.837	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	374725	46.080	ug/l	96
56) Ethyl methacrylate	10.871	69	588377	46.452	ug/l	97
57) 1,3-Dichloropropane	11.166	76	631044	46.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	877441	232.712	ug/l	99
59) 2-Hexanone	11.195	43	1543974	214.026	ug/l	100
60) Dibromochloromethane	11.360	129	422233	50.414	ug/l	100
61) 1,2-Dibromoethane	11.471	107	390961	48.167	ug/l	100
64) Tetrachloroethene	11.107	164	306639	49.692	ug/l	97
65) Chlorobenzene	11.895	112	1068356	48.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	383578	46.097	ug/l	99
67) Ethyl Benzene	11.965	91	1962349	48.355	ug/l	97
68) m/p-Xylenes	12.071	106	1552324	97.351	ug/l	100
69) o-Xylene	12.401	106	765765	48.679	ug/l	99
70) Styrene	12.413	104	1242426	49.080	ug/l	98
71) Bromoform	12.577	173	278931	47.619	ug/l #	99
73) Isopropylbenzene	12.695	105	1987934	45.895	ug/l	100
74) N-amyl acetate	12.495	43	643396	39.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	562588	41.387	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	404531m	38.094	ug/l	
77) Bromobenzene	12.983	156	401736	45.614	ug/l	95
78) n-propylbenzene	13.036	91	2290251	47.854	ug/l	99
79) 2-Chlorotoluene	13.124	91	1316548	45.685	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1661278	48.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	220980	46.828	ug/l	90
82) 4-Chlorotoluene	13.224	91	1289663	47.465	ug/l	100
83) tert-Butylbenzene	13.442	119	1398578	45.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1635594	47.854	ug/l	99
85) sec-Butylbenzene	13.618	105	2080692	48.483	ug/l	99
86) p-Isopropyltoluene	13.730	119	1700841	50.428	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	776959	47.684	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	769136	47.867	ug/l	99
89) n-Butylbenzene	14.059	91	1481914	52.926	ug/l	99
90) Hexachloroethane	14.336	117	341075	46.250	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	765180	46.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99803	38.741	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	332026	56.426	ug/l	99
94) Hexachlorobutadiene	15.465	225	163431	47.982	ug/l	99
95) Naphthalene	15.589	128	1155068	52.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	305823	54.336	ug/l	99

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

