

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075356.D
 Acq On : 22 Nov 2022 10:19
 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 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:03:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42065	49.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.171	113	51989	50.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	10.571	98	119225	51.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.847	95	92302	54.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	56929	47.097	ug/l	96
3) Chloromethane	2.371	50	66874	44.462	ug/l	99
4) Vinyl Chloride	2.530	62	91520	48.281	ug/l	97
5) Bromomethane	2.924	94	83332	49.992	ug/l	97
6) Chloroethane	3.106	64	68073	47.394	ug/l	92
7) Trichlorofluoromethane	3.500	101	128589	47.485	ug/l	99
8) Diethyl Ether	3.971	74	46886	49.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	74105	49.571	ug/l	95
10) Methyl Iodide	4.594	142	118560	48.943	ug/l	96
11) Tert butyl alcohol	5.530	59	75418	211.724	ug/l	99
12) 1,1-Dichloroethene	4.347	96	71924	49.132	ug/l	88
13) Acrolein	4.183	56	71533	230.517	ug/l	99
14) Allyl chloride	5.030	41	86767	45.822	ug/l	95
15) Acrylonitrile	5.730	53	192092	235.050	ug/l	98
16) Acetone	4.436	43	188934	238.710	ug/l	92
17) Carbon Disulfide	4.718	76	181945	47.825	ug/l	99
18) Methyl Acetate	5.036	43	96929	48.540	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	251231	48.446	ug/l	97
20) Methylene Chloride	5.283	84	82054	51.154	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	79991	47.947	ug/l	97
22) Diisopropyl ether	6.677	45	217039	50.228	ug/l	97
23) Vinyl Acetate	6.612	43	768658	223.596	ug/l	100
24) 1,1-Dichloroethane	6.577	63	137310	49.506	ug/l	100
25) 2-Butanone	7.488	43	261513	236.662	ug/l	97
26) 2,2-Dichloropropane	7.494	77	125082	48.524	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	95486	50.617	ug/l	93
28) Bromochloromethane	7.818	49	57483	51.058	ug/l	84
29) Tetrahydrofuran	7.847	42	161383	240.104	ug/l	99
30) Chloroform	7.971	83	151536	47.576	ug/l	96
31) Cyclohexane	8.259	56	122783	45.544	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	140540	48.596	ug/l	96
36) 1,1-Dichloropropene	8.377	75	113322	50.541	ug/l	99
37) Ethyl Acetate	7.565	43	99567	49.317	ug/l	100
38) Carbon Tetrachloride	8.365	117	125614	50.999	ug/l	97
39) Methylcyclohexane	9.600	83	147619	52.605	ug/l	99
40) Benzene	8.612	78	337363	49.143	ug/l	99

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41) Methacrylonitrile	7.782	41	49141	47.609	ug/l	93
42) 1,2-Dichloroethane	8.677	62	112218	48.809	ug/l	96
43) Isopropyl Acetate	8.694	43	162202	50.052	ug/l	97
44) Trichloroethene	9.353	130	93045	49.534	ug/l	94
45) 1,2-Dichloropropane	9.624	63	80636	49.290	ug/l	97
46) Dibromomethane	9.712	93	60926	49.237	ug/l	94
47) Bromodichloromethane	9.888	83	120310	50.207	ug/l #	99
48) Methyl methacrylate	9.682	41	73973	49.366	ug/l	95
49) 1,4-Dioxane	9.694	88	40242	945.772	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	509941	247.061	ug/l	97
52) Toluene	10.629	92	227821	51.499	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	129893	53.995	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	138340	52.947	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	88147	48.922	ug/l	96
56) Ethyl methacrylate	10.876	69	129793	53.341	ug/l	95
57) 1,3-Dichloropropane	11.165	76	145283	49.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	235374	268.210	ug/l	97
59) 2-Hexanone	11.194	43	387868	250.256	ug/l	96
60) Dibromochloromethane	11.359	129	101648	54.961	ug/l	100
61) 1,2-Dibromoethane	11.470	107	93792	50.153	ug/l	99
64) Tetrachloroethene	11.106	164	87179	46.683	ug/l	92
65) Chlorobenzene	11.894	112	245550	48.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	92380	49.012	ug/l	99
67) Ethyl Benzene	11.965	91	446115	51.778	ug/l	100
68) m/p-Xylenes	12.070	106	360662	103.080	ug/l	100
69) o-Xylene	12.400	106	173959	50.041	ug/l	96
70) Styrene	12.412	104	287477	52.421	ug/l	99
71) Bromoform	12.582	173	77340	53.913	ug/l #	98
73) Isopropylbenzene	12.700	105	458644	49.494	ug/l	98
74) N-amyl acetate	12.494	43	142409	49.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	133142	47.127	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	112410m	46.874	ug/l	
77) Bromobenzene	12.982	156	108840	47.576	ug/l	85
78) n-propylbenzene	13.035	91	535083	51.741	ug/l	100
79) 2-Chlorotoluene	13.123	91	310301	49.799	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	392731	51.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	41220	50.856	ug/l	93
82) 4-Chlorotoluene	13.123	91	310301	49.799	ug/l	97
83) tert-Butylbenzene	13.441	119	349765	49.828	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	398684	51.627	ug/l	98
85) sec-Butylbenzene	13.617	105	498943	52.386	ug/l	99
86) p-Isopropyltoluene	13.729	119	430844	53.765	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	215061	49.616	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	214683	48.757	ug/l	98
89) n-Butylbenzene	14.059	91	360121	53.209	ug/l	99
90) Hexachloroethane	14.335	117	70742	51.173	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	208070	49.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26325	49.190	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	116424	53.770	ug/l	96
94) Hexachlorobutadiene	15.500	225	59143	52.440	ug/l	99
95) Naphthalene	15.641	128	346752	50.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109118	51.276	ug/l	98

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

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