

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080197.D
 Acq On : 20 Nov 2023 10:40
 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 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 05:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	189425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	271155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	175652	56.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.320%			
35) Dibromofluoromethane	8.165	113	118803	54.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	10.564	98	416834	53.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.680%			
62) 4-Bromofluorobenzene	12.853	95	161642	54.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	134164	47.549	ug/l	99
3) Chloromethane	2.365	50	91892	43.317	ug/l	98
4) Vinyl Chloride	2.518	62	98464	43.859	ug/l	98
5) Bromomethane	2.953	94	73336	48.119	ug/l	90
6) Chloroethane	3.118	64	66140	47.535	ug/l	96
7) Trichlorofluoromethane	3.500	101	224805	48.003	ug/l	98
8) Diethyl Ether	3.959	74	69241	50.838	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	97832	45.704	ug/l	95
10) Methyl Iodide	4.588	142	129773	56.098	ug/l #	87
11) Tert butyl alcohol	5.518	59	82460	239.744	ug/l	99
12) 1,1-Dichloroethene	4.347	96	93323	46.613	ug/l	87
13) Acrolein	4.177	56	81396	267.406	ug/l	97
14) Allyl chloride	5.024	41	117342	46.584	ug/l #	89
15) Acrylonitrile	5.712	53	219489	237.710	ug/l	99
16) Acetone	4.424	43	213654	203.379	ug/l	90
17) Carbon Disulfide	4.712	76	253078	42.335	ug/l	100
18) Methyl Acetate	5.018	43	151532	44.894	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	384460	54.376	ug/l	99
20) Methylene Chloride	5.277	84	123652	56.207	ug/l	94
21) trans-1,2-Dichloroethene	5.782	96	107520	48.885	ug/l	88
22) Diisopropyl ether	6.671	45	285559	51.240	ug/l	98
23) Vinyl Acetate	6.606	43	851360	254.107	ug/l	95
24) 1,1-Dichloroethane	6.571	63	199761	49.214	ug/l	96
25) 2-Butanone	7.482	43	259884	208.217	ug/l	95
26) 2,2-Dichloropropane	7.488	77	209186	51.945	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	127889	51.286	ug/l	89
28) Bromochloromethane	7.812	49	83494	52.323	ug/l	98
29) Tetrahydrofuran	7.835	42	156385	233.377	ug/l	96
30) Chloroform	7.965	83	244006	53.784	ug/l	98
31) Cyclohexane	8.259	56	135461m	39.825	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	228878	51.732	ug/l	99
36) 1,1-Dichloropropene	8.371	75	154707	49.292	ug/l	95
37) Ethyl Acetate	7.559	43	109351	50.230	ug/l #	94
38) Carbon Tetrachloride	8.359	117	210579	52.871	ug/l	98
39) Methylcyclohexane	9.600	83	143507	47.421	ug/l	94
40) Benzene	8.606	78	455935	51.113	ug/l	100

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41) Methacrylonitrile	7.782	41	60511	50.613	ug/l	93
42) 1,2-Dichloroethane	8.671	62	213249	58.433	ug/l	94
43) Isopropyl Acetate	8.688	43	191452	45.192	ug/l	98
44) Trichloroethene	9.353	130	120172	51.358	ug/l	98
45) 1,2-Dichloropropane	9.617	63	106588	51.418	ug/l	99
46) Dibromomethane	9.712	93	89121	56.795	ug/l	92
47) Bromodichloromethane	9.888	83	198689	57.562	ug/l	95
48) Methyl methacrylate	9.682	41	115019	52.684	ug/l	91
49) 1,4-Dioxane	9.694	88	34240	942.730	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	541449	246.865	ug/l	99
52) Toluene	10.629	92	293025	52.491	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200505	56.537	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205417	56.695	ug/l #	90
55) 1,1,2-Trichloroethane	11.017	97	116341	54.603	ug/l	98
56) Ethyl methacrylate	10.876	69	122787	56.411	ug/l	94
57) 1,3-Dichloropropane	11.164	76	201835	54.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	352341	287.331	ug/l	100
59) 2-Hexanone	11.194	43	410667	233.010	ug/l	96
60) Dibromochloromethane	11.359	129	150940	59.173	ug/l	97
61) 1,2-Dibromoethane	11.470	107	117241	53.938	ug/l	96
64) Tetrachloroethene	11.106	164	114377	55.272	ug/l	99
65) Chlorobenzene	11.894	112	315686	51.379	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	137265	57.569	ug/l	93
67) Ethyl Benzene	11.964	91	572339	52.349	ug/l	95
68) m/p-Xylenes	12.070	106	424872	106.582	ug/l	86
69) o-Xylene	12.400	106	204155	54.343	ug/l	85
70) Styrene	12.411	104	310509	55.531	ug/l #	92
71) Bromoform	12.582	173	102190	57.793	ug/l #	99
73) Isopropylbenzene	12.700	105	538767	48.639	ug/l	97
74) N-amyl acetate	12.494	43	154595	44.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	141348	42.635	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	141823m	40.606	ug/l	
77) Bromobenzene	12.982	156	137688	49.302	ug/l	94
78) n-propylbenzene	13.041	91	595946	48.112	ug/l	100
79) 2-Chlorotoluene	13.129	91	396746	49.316	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	479627	49.741	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	48938	47.340	ug/l #	84
82) 4-Chlorotoluene	13.223	91	408610	49.578	ug/l	96
83) tert-Butylbenzene	13.441	119	370345	47.894	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	490568	51.668	ug/l	96
85) sec-Butylbenzene	13.617	105	465339	47.571	ug/l	99
86) p-Isopropyltoluene	13.729	119	440325	50.391	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	241963	48.089	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	243322	48.120	ug/l	97
89) n-Butylbenzene	14.058	91	348028	47.585	ug/l	99
90) Hexachloroethane	14.335	117	79443	46.634	ug/l	68
91) 1,2-Dichlorobenzene	14.105	146	234563	48.716	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33396	43.368	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	130828	46.718	ug/l	95
94) Hexachlorobutadiene	15.499	225	71346	44.272	ug/l	97
95) Naphthalene	15.641	128	357092	43.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125773	47.916	ug/l	97

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

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