

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080195.D
 Acq On : 18 Nov 2023 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 01:29:58 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	8.229	168	220190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	309090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	153081	42.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.220%		
35) Dibromofluoromethane	8.171	113	109364	43.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.180%		
50) Toluene-d8	10.570	98	395527	43.731	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.460%		
62) 4-Bromofluorobenzene	12.853	95	152701	44.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	165203	50.369	ug/l	98
3) Chloromethane	2.359	50	103731	42.066	ug/l	97
4) Vinyl Chloride	2.512	62	118426	45.381	ug/l	99
5) Bromomethane	2.942	94	76780	43.340	ug/l	91
6) Chloroethane	3.112	64	75542	46.659	ug/l	99
7) Trichlorofluoromethane	3.494	101	264609	48.608	ug/l	97
8) Diethyl Ether	3.965	74	72420	45.743	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	113001	45.415	ug/l	92
10) Methyl Iodide	4.594	142	137804	51.247	ug/l #	87
11) Tert butyl alcohol	5.530	59	102004	255.129	ug/l	98
12) 1,1-Dichloroethene	4.341	96	106754	45.871	ug/l	85
13) Acrolein	4.183	56	82810	234.040	ug/l	96
14) Allyl chloride	5.024	41	125025	42.700	ug/l #	88
15) Acrylonitrile	5.724	53	258572	240.911	ug/l	99
16) Acetone	4.430	43	211019	172.805	ug/l	91
17) Carbon Disulfide	4.712	76	288735	41.551	ug/l	99
18) Methyl Acetate	5.024	43	178063	45.383	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	403391	49.082	ug/l	99
20) Methylene Chloride	5.277	84	125658	49.138	ug/l	91
21) trans-1,2-Dichloroethene	5.788	96	118020	46.161	ug/l #	83
22) Diisopropyl ether	6.677	45	300531	46.392	ug/l	98
23) Vinyl Acetate	6.606	43	906355	232.724	ug/l	94
24) 1,1-Dichloroethane	6.565	63	214828	45.531	ug/l	98
25) 2-Butanone	7.482	43	298285	205.592	ug/l	92
26) 2,2-Dichloropropane	7.494	77	190707	40.740	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	133886	46.189	ug/l	88
28) Bromochloromethane	7.818	49	86457	46.610	ug/l	98
29) Tetrahydrofuran	7.841	42	192025	246.525	ug/l	94
30) Chloroform	7.971	83	256104	48.563	ug/l	92
31) Cyclohexane	8.259	56	168763	42.683	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	259254	50.410	ug/l	99
36) 1,1-Dichloropropene	8.371	75	178080	49.023	ug/l	95
37) Ethyl Acetate	7.565	43	128905	51.159	ug/l	96
38) Carbon Tetrachloride	8.365	117	237556	51.533	ug/l	98
39) Methylcyclohexane	9.606	83	171282	48.902	ug/l	90
40) Benzene	8.612	78	488793	47.345	ug/l	99

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41) Methacrylonitrile	7.782	41	69493	50.222	ug/l	94
42) 1,2-Dichloroethane	8.677	62	213536	50.555	ug/l	94
43) Isopropyl Acetate	8.694	43	218571	44.577	ug/l	98
44) Trichloroethene	9.353	130	129104	47.672	ug/l	96
45) 1,2-Dichloropropane	9.623	63	113313	47.228	ug/l	95
46) Dibromomethane	9.712	93	89173	49.100	ug/l	90
47) Bromodichloromethane	9.888	83	203028	50.820	ug/l	96
48) Methyl methacrylate	9.682	41	131665	52.107	ug/l	91
49) 1,4-Dioxane	9.694	88	44090	1048.846	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	655922	258.388	ug/l	98
52) Toluene	10.635	92	321896	49.821	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	202275	49.280	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205843	49.087	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	121886	49.426	ug/l	98
56) Ethyl methacrylate	10.876	69	137322	54.509	ug/l	93
57) 1,3-Dichloropropane	11.165	76	214854	49.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	376752	265.456	ug/l	99
59) 2-Hexanone	11.200	43	481382	235.990	ug/l	97
60) Dibromochloromethane	11.359	129	154878	52.459	ug/l	99
61) 1,2-Dibromoethane	11.476	107	123775	49.200	ug/l	100
64) Tetrachloroethene	11.106	164	116726	49.484	ug/l	98
65) Chlorobenzene	11.894	112	336294	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	139846	51.453	ug/l	94
67) Ethyl Benzene	11.965	91	629557	50.515	ug/l	96
68) m/p-Xylenes	12.076	106	465509	102.444	ug/l	88
69) o-Xylene	12.400	106	223752	52.249	ug/l	86
70) Styrene	12.417	104	338030	53.034	ug/l	93
71) Bromoform	12.582	173	106542	52.860	ug/l #	99
73) Isopropylbenzene	12.700	105	605321	49.804	ug/l	98
74) N-amyl acetate	12.494	43	180557	47.638	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	166221	45.694	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	168843m	44.058	ug/l	
77) Bromobenzene	12.982	156	146642	47.855	ug/l	98
78) n-propylbenzene	13.041	91	662008	48.709	ug/l	100
79) 2-Chlorotoluene	13.129	91	432859	49.036	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	525687	49.686	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	50432	44.461	ug/l #	85
82) 4-Chlorotoluene	13.223	91	434176	48.012	ug/l	97
83) tert-Butylbenzene	13.441	119	416921	49.139	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	522437	50.148	ug/l	96
85) sec-Butylbenzene	13.617	105	540510	50.359	ug/l	99
86) p-Isopropyltoluene	13.735	119	484679	50.551	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	256089	46.386	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	259433	46.760	ug/l	98
89) n-Butylbenzene	14.059	91	386638	48.179	ug/l	100
90) Hexachloroethane	14.335	117	88580	47.390	ug/l	67
91) 1,2-Dichlorobenzene	14.111	146	248828	47.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42009	49.718	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	139712	45.468	ug/l	97
94) Hexachlorobutadiene	15.505	225	74222	41.974	ug/l	100
95) Naphthalene	15.647	128	409556	45.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	133730	46.432	ug/l	96

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

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