

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064845.D
 Acq On : 25 Nov 2020 9:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 11/27/2020 1:37:02 PM

Quant Time: Nov 26 03:46:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	106965	45.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.90%
35) Dibromofluoromethane	7.54	113	94443	52.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.42%
50) Toluene-d8	10.06	98	372259	50.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.74%
62) 4-Bromofluorobenzene	12.37	95	133559	50.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	82630	47.611	ug/l 99
3) Chloromethane	2.04	50	104190	46.197	ug/l 99
4) Vinyl Chloride	2.16	62	113401	48.228	ug/l 96
5) Bromomethane	2.53	94	70476	45.684	ug/l 97
6) Chloroethane	2.67	64	70112	48.210	ug/l 98
7) Trichlorofluoromethane	2.99	101	161564	49.707	ug/l 98
8) Diethyl Ether	3.37	74	63494	49.490	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99374	50.966	ug/l 98
10) Methyl Iodide	3.90	142	111663	44.152	ug/l 98
11) Tert butyl alcohol	4.74	59	76681	211.204	ug/l 99
12) 1,1-Dichloroethene	3.69	96	96156	49.518	ug/l 98
13) Acrolein	3.56	56	47922	216.092	ug/l 99
14) Allyl chloride	4.27	41	154718	48.308	ug/l 99
15) Acrylonitrile	4.93	53	235827	235.127	ug/l 99
16) Acetone	3.77	43	170583	222.898	ug/l 98
17) Carbon Disulfide	4.00	76	248772	49.618	ug/l 100
18) Methyl Acetate	4.28	43	105468	45.837	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	312454	50.170	ug/l 100
20) Methylene Chloride	4.50	84	113559	47.354	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	104889	48.641	ug/l 99
22) Diisopropyl ether	5.90	45	333847	52.078	ug/l 99
23) Vinyl Acetate	5.84	43	1329182	259.284	ug/l 100
24) 1,1-Dichloroethane	5.79	63	193911	50.614	ug/l 100
25) 2-Butanone	6.78	43	292198	235.533	ug/l 96
26) 2,2-Dichloropropane	6.77	77	166690	50.166	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	121867	50.223	ug/l 99
28) Bromochloromethane	7.14	49	84610	48.275	ug/l 97
29) Tetrahydrofuran	7.16	42	194125	226.685	ug/l 99
30) Chloroform	7.32	83	196222	49.666	ug/l 99
31) Cyclohexane	7.61	56	162606	50.114	ug/l 95
32) 1,1,1-Trichloroethane	7.52	97	170054	50.115	ug/l 99
36) 1,1-Dichloropropene	7.75	75	148587	53.030	ug/l 99
37) Ethyl Acetate	6.88	43	125018	46.320	ug/l 100
38) Carbon Tetrachloride	7.73	117	153824	52.763	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	168121	55.738	ug/l	97
40) Benzene	8.00	78	446428	51.994	ug/l	97
41) Methacrylonitrile	7.12	41	58761	47.183	ug/l	94
42) 1,2-Dichloroethane	8.08	62	147605	50.960	ug/l	100
43) Isopropyl Acetate	8.13	43	211939	48.800	ug/l	99
44) Trichloroethene	8.80	130	127746	50.426	ug/l	98
45) 1,2-Dichloropropane	9.08	63	119780	53.870	ug/l	99
46) Dibromomethane	9.17	93	77255	52.008	ug/l	97
47) Bromodichloromethane	9.37	83	156354	52.311	ug/l	99
48) Methyl methacrylate	9.16	41	104539	50.374	ug/l	98
49) 1,4-Dioxane	9.16	88	39000	994.319	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	636115	243.972	ug/l	100
52) Toluene	10.12	92	285796	54.050	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	173096	51.995	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	191300	53.611	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	111827	51.430	ug/l	98
56) Ethyl methacrylate	10.40	69	160040	53.338	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186415	51.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	405397	245.623	ug/l	100
59) 2-Hexanone	10.72	43	466670	248.698	ug/l	100
60) Dibromochloromethane	10.87	129	128914	53.337	ug/l	97
61) 1,2-Dibromoethane	10.97	107	114083	51.643	ug/l	98
64) Tetrachloroethene	10.60	164	130097	48.294	ug/l	99
65) Chlorobenzene	11.40	112	314014	52.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116810	53.455	ug/l	99
67) Ethyl Benzene	11.48	91	545055	54.871	ug/l	99
68) m/p-Xylenes	11.59	106	426809	113.488	ug/l	98
69) o-Xylene	11.92	106	201191	56.374	ug/l	99
70) Styrene	11.94	104	346672	57.541	ug/l	98
71) Bromoform	12.10	173	86883	49.780	ug/l #	99
73) Isopropylbenzene	12.22	105	543156	56.218	ug/l	99
74) N-amyl acetate	12.04	43	185253	48.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	140816	49.726	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	151630m	50.690	ug/l	
77) Bromobenzene	12.50	156	135482	52.014	ug/l	98
78) n-propylbenzene	12.56	91	610169	55.438	ug/l	99
79) 2-Chlorotoluene	12.65	91	361028	53.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	457242	56.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54711	50.128	ug/l	100
82) 4-Chlorotoluene	12.75	91	384022	53.850	ug/l	100
83) tert-Butylbenzene	12.96	119	379970	56.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	469625	57.839	ug/l	98
85) sec-Butylbenzene	13.14	105	513551	57.462	ug/l	99
86) p-Isopropyltoluene	13.26	119	478352	58.789	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245654	53.083	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	248422	50.760	ug/l	99
89) n-Butylbenzene	13.59	91	403421	56.457	ug/l	99
90) Hexachloroethane	13.85	117	78949	55.853	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	235898	51.915	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28020	43.975	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141377	50.295	ug/l	100
94) Hexachlorobutadiene	14.98	225	68082	53.758	ug/l	99
95) Naphthalene	15.10	128	405815	48.190	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132755	49.706	ug/l	99

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

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