

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064724.D
 Acq On : 19 Nov 2020 10:58
 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

MMDadoda
 11/24/2020 3:11:12 PM

Quant Time: Nov 20 04:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	224826	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	7.55	113	124605	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.06	98	602611	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.37	95	230998	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	164381	47.021	ug/l	98
3) Chloromethane	2.04	50	177520	45.922	ug/l	97
4) Vinyl Chloride	2.17	62	223197	55.335	ug/l	99
5) Bromomethane	2.54	94	159961	54.081	ug/l	96
6) Chloroethane	2.68	64	160261	58.887	ug/l	99
7) Trichlorofluoromethane	2.99	101	370744	51.319	ug/l	100
8) Diethyl Ether	3.37	74	138216	59.295	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	151878	48.648	ug/l	99
10) Methyl Iodide	3.91	142	176634	47.331	ug/l	98
11) Tert butyl alcohol	4.75	59	114233	239.235	ug/l	99
12) 1,1-Dichloroethene	3.69	96	142182	47.269	ug/l	95
13) Acrolein	3.57	56	32904	294.332	ug/l	95
14) Allyl chloride	4.27	41	252558	48.900	ug/l	99
15) Acrylonitrile	4.93	53	347461	247.818	ug/l	99
16) Acetone	3.78	43	275697	231.893	ug/l	99
17) Carbon Disulfide	4.01	76	420931	48.125	ug/l	100
18) Methyl Acetate	4.28	43	165942	46.053	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	495509	49.232	ug/l	100
20) Methylene Chloride	4.50	84	172925	47.447	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	157805	47.018	ug/l	97
22) Diisopropyl ether	5.90	45	550854	50.504	ug/l	99
23) Vinyl Acetate	5.84	43	2203315	250.306	ug/l	100
24) 1,1-Dichloroethane	5.80	63	310184	48.540	ug/l	99
25) 2-Butanone	6.78	43	475669	252.786	ug/l	99
26) 2,2-Dichloropropane	6.78	77	292960	48.245	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	181479	49.045	ug/l	99
28) Bromochloromethane	7.14	49	156295	48.508	ug/l	98
29) Tetrahydrofuran	7.16	42	327533	257.615	ug/l	99
30) Chloroform	7.32	83	341461	49.170	ug/l	99
31) Cyclohexane	7.61	56	251202	47.209	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	309243	48.719	ug/l	99
36) 1,1-Dichloropropene	7.75	75	246641	51.516	ug/l	99
37) Ethyl Acetate	6.88	43	216651	54.042	ug/l	99
38) Carbon Tetrachloride	7.73	117	274952	54.038	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223608	52.711	ug/l	99
40) Benzene	8.00	78	704009	52.774	ug/l	99
41) Methacrylonitrile	7.13	41	109184	59.421	ug/l	90
42) 1,2-Dichloroethane	8.08	62	301431	52.518	ug/l	98
43) Isopropyl Acetate	8.13	43	385140	49.565	ug/l	99
44) Trichloroethene	8.80	130	192914	50.390	ug/l	97
45) 1,2-Dichloropropane	9.08	63	190784	53.654	ug/l	97
46) Dibromomethane	9.17	93	136307	54.078	ug/l	97
47) Bromodichloromethane	9.37	83	284225	53.639	ug/l	99
48) Methyl methacrylate	9.16	41	196308	53.543	ug/l	98
49) 1,4-Dioxane	9.16	88	50265	1098.875	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1185922	252.757	ug/l	99
52) Toluene	10.12	92	455986	55.499	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	305519	53.874	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	315176	53.974	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	175560	53.275	ug/l	98
56) Ethyl methacrylate	10.40	69	260682	48.288	ug/l	99
57) 1,3-Dichloropropane	10.68	76	309603	54.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	716859	242.772	ug/l	100
59) 2-Hexanone	10.72	43	860898	249.843	ug/l	100
60) Dibromochloromethane	10.87	129	204813	53.795	ug/l	99
61) 1,2-Dibromoethane	10.97	107	186134	52.956	ug/l	98
64) Tetrachloroethene	10.60	164	209688	53.123	ug/l	98
65) Chlorobenzene	11.41	112	486699	51.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	188579	53.287	ug/l	97
67) Ethyl Benzene	11.48	91	885137	53.005	ug/l	99
68) m/p-Xylenes	11.59	106	666526	98.362	ug/l	99
69) o-Xylene	11.92	106	306961	52.688	ug/l	97
70) Styrene	11.94	104	549309	48.428	ug/l	99
71) Bromoform	12.10	173	131687	47.973	ug/l	100
73) Isopropylbenzene	12.22	105	827709	52.557	ug/l	100
74) N-amyl acetate	12.04	43	372019	50.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	217066	49.298	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	222887m	46.635	ug/l	
77) Bromobenzene	12.50	156	196960	49.586	ug/l	98
78) n-propylbenzene	12.56	91	997196	54.371	ug/l	99
79) 2-Chlorotoluene	12.65	91	606036	51.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	717269	54.826	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	87420	47.224	ug/l	98
82) 4-Chlorotoluene	12.75	91	656938	52.485	ug/l	99
83) tert-Butylbenzene	12.97	119	549123	54.257	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	744188	55.736	ug/l	98
85) sec-Butylbenzene	13.14	105	742161	55.016	ug/l	99
86) p-Isopropyltoluene	13.26	119	682415	55.004	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	367281	50.748	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	376150	50.625	ug/l	99
89) n-Butylbenzene	13.59	91	612032	52.843	ug/l	99
90) Hexachloroethane	13.85	117	116296	56.703	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	356978	50.467	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59101	51.150	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	187876	48.846	ug/l	99
94) Hexachlorobutadiene	14.98	225	80047	50.782	ug/l	98
95) Naphthalene	15.10	128	633235	50.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	182513	49.463	ug/l	99

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

