

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064750.D
 Acq On : 19 Nov 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:30 PM

Quant Time: Nov 20 05:38:29 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	363230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	618642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	568767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	271248	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	
35) Dibromofluoromethane	7.55	113	186096	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.06	98	779318	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.37	95	276565	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	195129	42.993	ug/l	98
3) Chloromethane	2.04	50	255106	50.831	ug/l	97
4) Vinyl Chloride	2.17	62	264839	50.574	ug/l	100
5) Bromomethane	2.53	94	158628	41.309	ug/l	97
6) Chloroethane	2.68	64	162740	46.060	ug/l	95
7) Trichlorofluoromethane	2.99	101	363756	38.784	ug/l	98
8) Diethyl Ether	3.38	74	135501	44.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	203177	50.128	ug/l	96
10) Methyl Iodide	3.91	142	225871	46.619	ug/l	95
11) Tert butyl alcohol	4.74	59	159385	257.108	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	198392	50.803	ug/l	93
13) Acrolein	3.57	56	57702	397.571	ug/l	96
14) Allyl chloride	4.27	41	356238	53.128	ug/l	88
15) Acrylonitrile	4.93	53	528149	290.147	ug/l	99
16) Acetone	3.78	43	459726	296.404	ug/l	92
17) Carbon Disulfide	4.01	76	573864	50.530	ug/l	99
18) Methyl Acetate	4.28	43	251924	53.626	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	662428	50.695	ug/l	99
20) Methylene Chloride	4.50	84	235213	49.710	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	215581	49.475	ug/l	99
22) Diisopropyl ether	5.91	45	768670	54.283	ug/l	93
23) Vinyl Acetate	5.85	43	3082651	269.745	ug/l	100
24) 1,1-Dichloroethane	5.80	63	423284	51.020	ug/l	99
25) 2-Butanone	6.79	43	698204	285.802	ug/l	99
26) 2,2-Dichloropropane	6.78	77	323752	41.067	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	246917	51.398	ug/l	95
28) Bromochloromethane	7.15	49	205179	49.050	ug/l	100
29) Tetrahydrofuran	7.17	42	470209	284.867	ug/l	98
30) Chloroform	7.33	83	435353	48.288	ug/l	98
31) Cyclohexane	7.61	56	348443	50.440	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	378881	45.977	ug/l	98
36) 1,1-Dichloropropene	7.75	75	317280	49.851	ug/l	98
37) Ethyl Acetate	6.88	43	307963	57.786	ug/l	99
38) Carbon Tetrachloride	7.73	117	332152	49.105	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	300845	53.347	ug/l	96
40) Benzene	8.00	78	949092	53.519	ug/l	100
41) Methacrylonitrile	7.13	41	152466	62.418	ug/l	93
42) 1,2-Dichloroethane	8.08	62	351474	46.064	ug/l	97
43) Isopropyl Acetate	8.13	43	506088	48.993	ug/l #	88
44) Trichloroethene	8.80	130	250731	49.266	ug/l	100
45) 1,2-Dichloropropane	9.08	63	255003	53.946	ug/l	98
46) Dibromomethane	9.17	93	165782	49.476	ug/l	94
47) Bromodichloromethane	9.37	83	346169	49.142	ug/l	97
48) Methyl methacrylate	9.17	41	257510	52.834	ug/l	93
49) 1,4-Dioxane	9.17	88	67361	1107.754	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1554763	249.351	ug/l	98
52) Toluene	10.13	92	583189	53.395	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	365738	48.513	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	394494	50.819	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	228546	52.170	ug/l	99
56) Ethyl methacrylate	10.40	69	328119	45.863	ug/l	93
57) 1,3-Dichloropropane	10.68	76	396499	52.250	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	947500	241.454	ug/l	99
59) 2-Hexanone	10.72	43	1116422	243.930	ug/l	97
60) Dibromochloromethane	10.87	129	257475	50.871	ug/l	99
61) 1,2-Dibromoethane	10.98	107	232417	49.740	ug/l	97
64) Tetrachloroethene	10.60	164	263539	52.266	ug/l	94
65) Chlorobenzene	11.41	112	603040	49.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	229860	50.846	ug/l	98
67) Ethyl Benzene	11.48	91	1100137	51.572	ug/l	100
68) m/p-Xylenes	11.59	106	826056	95.551	ug/l	96
69) o-Xylene	11.92	106	385166	51.754	ug/l	97
70) Styrene	11.94	104	666089	46.099	ug/l	98
71) Bromoform	12.10	173	159786	45.691	ug/l #	99
73) Isopropylbenzene	12.22	105	986088	56.572	ug/l	99
74) N-amyl acetate	12.04	43	450047	55.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	273001	56.019	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	305246m	57.705	ug/l	
77) Bromobenzene	12.50	156	242397	55.136	ug/l	97
78) n-propylbenzene	12.56	91	1161519	57.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	688179	52.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	807016	55.734	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	104118	50.701	ug/l	89
82) 4-Chlorotoluene	12.75	91	714888	51.603	ug/l	100
83) tert-Butylbenzene	12.97	119	600665	53.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	781768	52.901	ug/l	100
85) sec-Butylbenzene	13.14	105	781053	52.312	ug/l	100
86) p-Isopropyltoluene	13.26	119	718083	52.294	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	381713	47.653	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	391674	47.628	ug/l	98
89) n-Butylbenzene	13.59	91	622983	48.598	ug/l	99
90) Hexachloroethane	13.85	117	111718	49.214	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	349128	44.594	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61436	48.040	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	174045	41.100	ug/l	98
94) Hexachlorobutadiene	14.98	225	77763	44.513	ug/l	97
95) Naphthalene	15.10	128	669067	48.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	202323	49.540	ug/l	99

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

