

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064752.D
 Acq On : 20 Nov 2020 00:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:32 PM

Quant Time: Nov 20 05:41:26 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	270270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	441508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	230686	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	7.54	113	145289	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	10.06	98	601691	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.37	95	224986	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	155864	46.154	ug/l	100
3) Chloromethane	2.04	50	175965	47.121	ug/l	100
4) Vinyl Chloride	2.17	62	221911	56.952	ug/l	99
5) Bromomethane	2.54	94	153956	53.882	ug/l	98
6) Chloroethane	2.68	64	148699	56.561	ug/l	98
7) Trichlorofluoromethane	2.99	101	356103	51.027	ug/l	97
8) Diethyl Ether	3.37	74	123164	54.697	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148543	49.254	ug/l	99
10) Methyl Iodide	3.91	142	160241	44.449	ug/l	98
11) Tert butyl alcohol	4.73	59	113712	246.524	ug/l	99
12) 1,1-Dichloroethene	3.69	96	141423	48.671	ug/l	97
13) Acrolein	3.57	56	33625	311.365	ug/l	92
14) Allyl chloride	4.27	41	241822	48.469	ug/l	99
15) Acrylonitrile	4.93	53	343693	253.756	ug/l	100
16) Acetone	3.77	43	323739	280.791	ug/l	97
17) Carbon Disulfide	4.01	76	407184	48.191	ug/l	100
18) Methyl Acetate	4.27	43	160644	46.148	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	487570	50.147	ug/l	99
20) Methylene Chloride	4.50	84	166862	47.394	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	154457	47.640	ug/l	94
22) Diisopropyl ether	5.90	45	548262	52.035	ug/l	97
23) Vinyl Acetate	5.84	43	2252985	264.955	ug/l	100
24) 1,1-Dichloroethane	5.79	63	311107	50.397	ug/l	100
25) 2-Butanone	6.78	43	489108	269.074	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262271	44.711	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	179217	50.137	ug/l	98
28) Bromochloromethane	7.15	49	151348	48.626	ug/l	99
29) Tetrahydrofuran	7.16	42	319333	260.003	ug/l	99
30) Chloroform	7.33	83	335913	50.073	ug/l	98
31) Cyclohexane	7.61	56	241382	46.960	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	307732	50.187	ug/l	99
36) 1,1-Dichloropropene	7.75	75	245857	50.555	ug/l	99
37) Ethyl Acetate	6.88	43	209132	51.357	ug/l #	94
38) Carbon Tetrachloride	7.73	117	272013	52.630	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223312	51.824	ug/l	97
40) Benzene	8.00	78	692784	51.126	ug/l	99
41) Methacrylonitrile	7.12	41	101731	54.505	ug/l	97
42) 1,2-Dichloroethane	8.08	62	296670	50.886	ug/l	100
43) Isopropyl Acetate	8.12	43	378972	48.014	ug/l	99
44) Trichloroethene	8.80	130	191050	49.128	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185150	51.261	ug/l	98
46) Dibromomethane	9.17	93	131334	51.296	ug/l	99
47) Bromodichloromethane	9.37	83	290949	54.055	ug/l	100
48) Methyl methacrylate	9.16	41	184087	49.430	ug/l	98
49) 1,4-Dioxane	9.16	88	50677	1090.679	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1126366	236.734	ug/l	100
52) Toluene	10.12	92	440908	52.831	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	286855	49.797	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	321236	54.157	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	173967	51.972	ug/l	99
56) Ethyl methacrylate	10.40	69	242151	44.388	ug/l	98
57) 1,3-Dichloropropane	10.68	76	301351	51.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	771965	256.577	ug/l	98
59) 2-Hexanone	10.72	43	816591	233.864	ug/l	100
60) Dibromochloromethane	10.87	129	199918	51.694	ug/l	100
61) 1,2-Dibromoethane	10.97	107	177613	49.747	ug/l	98
64) Tetrachloroethene	10.60	164	200129	51.131	ug/l	99
65) Chlorobenzene	11.40	112	464761	49.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	182765	52.082	ug/l	96
67) Ethyl Benzene	11.48	91	859979	51.934	ug/l	99
68) m/p-Xylenes	11.59	106	646048	96.239	ug/l	100
69) o-Xylene	11.92	106	299279	51.805	ug/l	98
70) Styrene	11.94	104	520272	46.370	ug/l	99
71) Bromoform	12.10	173	123183	45.394	ug/l #	100
73) Isopropylbenzene	12.22	105	797474	46.556	ug/l	100
74) N-amyl acetate	12.04	43	354312	44.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	210736	44.003	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	228202m	43.899	ug/l	
77) Bromobenzene	12.50	156	191534	44.334	ug/l	97
78) n-propylbenzene	12.56	91	1131112	56.702	ug/l	100
79) 2-Chlorotoluene	12.65	91	643112	50.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	748066	52.572	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	81567	40.729	ug/l	93
82) 4-Chlorotoluene	12.75	91	697647	51.245	ug/l	99
83) tert-Butylbenzene	12.97	119	591510	53.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	774067	53.302	ug/l	99
85) sec-Butylbenzene	13.14	105	852456	58.099	ug/l	100
86) p-Isopropyltoluene	13.26	119	716391	53.089	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	388083	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	416031	51.480	ug/l	98
89) n-Butylbenzene	13.59	91	590834	46.901	ug/l	99
90) Hexachloroethane	13.85	117	113123	50.710	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	338791	44.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52868	42.068	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	176741	42.427	ug/l	98
94) Hexachlorobutadiene	14.98	225	77711	45.274	ug/l	96
95) Naphthalene	15.10	128	585052	43.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	174697	43.620	ug/l	100

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

