

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064596.D
 Acq On : 12 Nov 2020 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:04 AM

Quant Time: Nov 13 04:04:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	298151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	260250	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.22%		
35) Dibromofluoromethane	7.55	113	182416	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.00%		
50) Toluene-d8	10.06	98	676875	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.06%		
62) 4-Bromofluorobenzene	12.38	95	256965	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172088	44.339	ug/l	99
3) Chloromethane	2.04	50	205372	43.564	ug/l	98
4) Vinyl Chloride	2.17	62	229222	47.350	ug/l	97
5) Bromomethane	2.53	94	149751	48.421	ug/l	99
6) Chloroethane	2.67	64	157775	50.904	ug/l	95
7) Trichlorofluoromethane	2.98	101	365171	51.227	ug/l	100
8) Diethyl Ether	3.37	74	132811	52.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	158008	46.677	ug/l	99
10) Methyl Iodide	3.90	142	199529	50.727	ug/l	97
11) Tert butyl alcohol	4.76	59	159511	278.516	ug/l #	82
12) 1,1-Dichloroethene	3.69	96	151421	47.488	ug/l	92
13) Acrolein	3.57	56	88351	248.702	ug/l	97
14) Allyl chloride	4.27	41	289077	46.344	ug/l	99
15) Acrylonitrile	4.94	53	448600	281.340	ug/l	98
16) Acetone	3.78	43	422508	213.578	ug/l	100
17) Carbon Disulfide	4.00	76	442444	46.399	ug/l	97
18) Methyl Acetate	4.29	43	235319	60.506	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	567712	49.468	ug/l	99
20) Methylene Chloride	4.50	84	188756	48.091	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	173517	47.927	ug/l	99
22) Diisopropyl ether	5.91	45	648657	48.989	ug/l	97
23) Vinyl Acetate	5.85	43	2705915	251.211	ug/l	99
24) 1,1-Dichloroethane	5.79	63	354074	48.664	ug/l	99
25) 2-Butanone	6.79	43	648747	257.383	ug/l	98
26) 2,2-Dichloropropane	6.78	77	264511	40.160	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	200296	47.744	ug/l	96
28) Bromochloromethane	7.15	49	172014	48.097	ug/l	99
29) Tetrahydrofuran	7.17	42	431148	278.805	ug/l	99
30) Chloroform	7.33	83	388118	50.747	ug/l	95
31) Cyclohexane	7.61	56	268121	42.471	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	342064	50.426	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267941	46.864	ug/l	98
37) Ethyl Acetate	6.89	43	279192	48.142	ug/l	98
38) Carbon Tetrachloride	7.73	117	301678	49.370	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225839	44.064	ug/l	98
40) Benzene	8.00	78	800646	47.655	ug/l	99
41) Methacrylonitrile	7.13	41	122831	48.458	ug/l	96
42) 1,2-Dichloroethane	8.09	62	334949	49.402	ug/l	100
43) Isopropyl Acetate	8.13	43	470463	50.775	ug/l	100
44) Trichloroethene	8.80	130	194869	45.972	ug/l	99
45) 1,2-Dichloropropane	9.09	63	216327	48.257	ug/l	99
46) Dibromomethane	9.18	93	153699	52.084	ug/l	99
47) Bromodichloromethane	9.37	83	322214	50.780	ug/l	98
48) Methyl methacrylate	9.17	41	243202	52.017	ug/l	100
49) 1,4-Dioxane	9.17	88	72512	1177.482	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1509822	279.419	ug/l	99
52) Toluene	10.13	92	504345	49.219	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	327251	48.647	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	343248	47.724	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	202962	50.788	ug/l	97
56) Ethyl methacrylate	10.40	69	296081	45.214	ug/l	98
57) 1,3-Dichloropropane	10.68	76	353132	50.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	801025	257.151	ug/l	97
59) 2-Hexanone	10.72	43	1099760	249.602	ug/l	100
60) Dibromochloromethane	10.87	129	240493	53.750	ug/l	99
61) 1,2-Dibromoethane	10.98	107	212734	52.481	ug/l	99
64) Tetrachloroethene	10.60	164	181449	46.318	ug/l	97
65) Chlorobenzene	11.41	112	529733	47.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	213074	51.230	ug/l	99
67) Ethyl Benzene	11.48	91	970191	48.924	ug/l	99
68) m/p-Xylenes	11.59	106	721748	100.357	ug/l	98
69) o-Xylene	11.92	106	339691	48.880	ug/l	98
70) Styrene	11.94	104	604638	51.704	ug/l	99
71) Bromoform	12.10	173	158325	50.679	ug/l #	99
73) Isopropylbenzene	12.22	105	900924	45.691	ug/l	99
74) N-amyl acetate	12.05	43	418201	43.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	302725	49.985	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	284777m	47.379	ug/l	
77) Bromobenzene	12.50	156	218587	45.407	ug/l	99
78) n-propylbenzene	12.57	91	1053751	46.876	ug/l	99
79) 2-Chlorotoluene	12.65	91	662346	46.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	780890	48.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	98645	45.824	ug/l	96
82) 4-Chlorotoluene	12.75	91	698164	46.758	ug/l	98
83) tert-Butylbenzene	12.97	119	600190	47.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	786946	48.124	ug/l	99
85) sec-Butylbenzene	13.15	105	791340	49.183	ug/l	100
86) p-Isopropyltoluene	13.26	119	711415	49.157	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	393196	47.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	388050	45.124	ug/l	99
89) n-Butylbenzene	13.59	91	586825	47.160	ug/l	100
90) Hexachloroethane	13.85	117	144144	51.631	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	394743	49.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66326	55.006	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	170533	43.221	ug/l	99
94) Hexachlorobutadiene	14.98	225	85379	52.388	ug/l	98
95) Naphthalene	15.10	128	571062	42.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	174411	45.549	ug/l	100

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

