

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064874.D
 Acq On : 1 Dec 2020 10:55
 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
 12/2/2020 12:43:21 PM

Quant Time: Dec 02 00:21:17 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	212327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	115583	46.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.64%
35) Dibromofluoromethane	7.55	113	98173	52.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.96%
50) Toluene-d8	10.06	98	387257	51.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.37	95	139566	51.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77624	42.183	ug/l 98
3) Chloromethane	2.04	50	99715	41.699	ug/l 100
4) Vinyl Chloride	2.16	62	105634	42.370	ug/l 97
5) Bromomethane	2.52	94	65355	39.955	ug/l 98
6) Chloroethane	2.67	64	67874	44.017	ug/l 99
7) Trichlorofluoromethane	2.98	101	154634	44.870	ug/l 96
8) Diethyl Ether	3.37	74	60498	44.473	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	96831	46.838	ug/l 99
10) Methyl Iodide	3.90	142	113818	42.444	ug/l 98
11) Tert butyl alcohol	4.75	59	83651	217.298	ug/l 99
12) 1,1-Dichloroethene	3.69	96	93231	45.281	ug/l 99
13) Acrolein	3.56	56	62360	265.204	ug/l 98
14) Allyl chloride	4.27	41	150662	44.366	ug/l 99
15) Acrylonitrile	4.93	53	253582	238.450	ug/l 98
16) Acetone	3.78	43	178514	219.995	ug/l 96
17) Carbon Disulfide	4.00	76	235296	44.261	ug/l 98
18) Methyl Acetate	4.28	43	117288	48.075	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	311784	47.215	ug/l 100
20) Methylene Chloride	4.50	84	111083	43.687	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	102985	45.042	ug/l 95
22) Diisopropyl ether	5.90	45	328036	48.261	ug/l 99
23) Vinyl Acetate	5.84	43	1309605	240.935	ug/l 99
24) 1,1-Dichloroethane	5.79	63	189689	46.696	ug/l 99
25) 2-Butanone	6.79	43	307021	233.406	ug/l 96
26) 2,2-Dichloropropane	6.77	77	157337	44.658	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	121162	47.093	ug/l 96
28) Bromochloromethane	7.15	49	85608	46.067	ug/l 99
29) Tetrahydrofuran	7.17	42	208434	229.551	ug/l 98
30) Chloroform	7.33	83	195600	46.692	ug/l 99
31) Cyclohexane	7.61	56	149851	43.556	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	165698	46.054	ug/l 99
36) 1,1-Dichloropropene	7.75	75	143266	49.912	ug/l 99
37) Ethyl Acetate	6.88	43	129020	46.663	ug/l 98
38) Carbon Tetrachloride	7.73	117	149090	49.920	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	156639	50.693	ug/l	98
40) Benzene	8.00	78	441413	50.185	ug/l	97
41) Methacrylonitrile	7.12	41	67230	52.697	ug/l	89
42) 1,2-Dichloroethane	8.08	62	145035	48.879	ug/l	99
43) Isopropyl Acetate	8.13	43	217919	48.980	ug/l	99
44) Trichloroethene	8.80	130	128473	49.504	ug/l	97
45) 1,2-Dichloropropane	9.08	63	119113	52.293	ug/l	99
46) Dibromomethane	9.17	93	77325	50.814	ug/l	98
47) Bromodichloromethane	9.37	83	157955	51.587	ug/l	98
48) Methyl methacrylate	9.16	41	103793	48.822	ug/l	96
49) 1,4-Dioxane	9.17	88	41213	1025.693	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	678555	254.045	ug/l	100
52) Toluene	10.12	92	274361	50.650	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	171194	50.198	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	186981	51.151	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	113865	51.119	ug/l	98
56) Ethyl methacrylate	10.40	69	160373	52.175	ug/l	99
57) 1,3-Dichloropropane	10.68	76	187053	50.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	441640	261.203	ug/l	99
59) 2-Hexanone	10.72	43	497122	258.611	ug/l	100
60) Dibromochloromethane	10.87	129	127029	51.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	116736	51.584	ug/l	99
64) Tetrachloroethene	10.60	164	146738	51.755	ug/l	98
65) Chlorobenzene	11.41	112	307612	49.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116970	50.858	ug/l	99
67) Ethyl Benzene	11.48	91	526557	50.365	ug/l	100
68) m/p-Xylenes	11.59	106	410849	103.795	ug/l	100
69) o-Xylene	11.92	106	195256	51.982	ug/l	99
70) Styrene	11.94	104	339794	53.586	ug/l	99
71) Bromoform	12.10	173	89832	48.903	ug/l #	99
73) Isopropylbenzene	12.22	105	521620	50.205	ug/l	100
74) N-amyl acetate	12.04	43	193857	47.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139564	45.829	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	148979m	46.312	ug/l	
77) Bromobenzene	12.50	156	132815	47.416	ug/l	99
78) n-propylbenzene	12.57	91	602872	50.935	ug/l	99
79) 2-Chlorotoluene	12.65	91	354965	48.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	443476	51.352	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54862	46.743	ug/l	99
82) 4-Chlorotoluene	12.75	91	372808	48.613	ug/l	98
83) tert-Butylbenzene	12.97	119	371487	51.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	452490	51.822	ug/l	100
85) sec-Butylbenzene	13.14	105	498201	51.837	ug/l	99
86) p-Isopropyltoluene	13.26	119	469484	53.655	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	241203	48.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	244371	46.432	ug/l	100
89) n-Butylbenzene	13.59	91	396638	51.617	ug/l	100
90) Hexachloroethane	13.85	117	76487	50.318	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	235778	48.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31057	45.325	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	142317	47.081	ug/l	100
94) Hexachlorobutadiene	14.98	225	69940	51.370	ug/l	99
95) Naphthalene	15.10	128	412933	45.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	136402	47.554	ug/l	99

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

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