

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064959.D
 Acq On : 8 Dec 2020 10:30
 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

Quant Time: Dec 08 16:33:31 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

MMDadoda
 12/10/2020 9:55:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	225153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	335517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107265	40.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.96%
35) Dibromofluoromethane	7.55	113	96307	47.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.94%
50) Toluene-d8	10.06	98	371795	45.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.64%
62) 4-Bromofluorobenzene	12.37	95	135188	46.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76477	39.192	ug/l	98
3) Chloromethane	2.04	50	96508	38.059	ug/l	97
4) Vinyl Chloride	2.17	62	106212	40.175	ug/l	99
5) Bromomethane	2.52	94	70812	40.825	ug/l	98
6) Chloroethane	2.67	64	70293	42.988	ug/l	99
7) Trichlorofluoromethane	2.99	101	158561	43.388	ug/l	98
8) Diethyl Ether	3.37	74	63622	44.105	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99669	45.464	ug/l	98
10) Methyl Iodide	3.90	142	115238	40.526	ug/l	99
11) Tert butyl alcohol	4.74	59	73975	181.216	ug/l	98
12) 1,1-Dichloroethene	3.69	96	94344	43.211	ug/l	99
13) Acrolein	3.56	56	67427	270.418	ug/l	97
14) Allyl chloride	4.27	41	155201	43.099	ug/l	98
15) Acrylonitrile	4.93	53	236580	209.790	ug/l	100
16) Acetone	3.77	43	209614	243.606	ug/l	96
17) Carbon Disulfide	4.00	76	225933	40.079	ug/l	100
18) Methyl Acetate	4.28	43	111028	42.917	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	321791	45.955	ug/l	99
20) Methylene Chloride	4.50	84	112962	41.895	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	104383	43.052	ug/l	99
22) Diisopropyl ether	5.90	45	338670	46.987	ug/l	99
23) Vinyl Acetate	5.84	43	1310085	227.294	ug/l	100
24) 1,1-Dichloroethane	5.79	63	197667	45.888	ug/l	99
25) 2-Butanone	6.78	43	309790	222.095	ug/l	96
26) 2,2-Dichloropropane	6.77	77	169765	45.440	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	124037	45.464	ug/l	99
28) Bromochloromethane	7.14	49	80634	40.918	ug/l	97
29) Tetrahydrofuran	7.16	42	190484	197.832	ug/l	98
30) Chloroform	7.33	83	201174	45.287	ug/l	98
31) Cyclohexane	7.61	56	149310	40.927	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	173872	45.573	ug/l	98
36) 1,1-Dichloropropene	7.75	75	148955	47.897	ug/l	100
37) Ethyl Acetate	6.88	43	124644	41.608	ug/l	98
38) Carbon Tetrachloride	7.73	117	155690	48.114	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	148713	44.421	ug/l	95
40) Benzene	8.00	78	448217	47.033	ug/l	98
41) Methacrylonitrile	7.12	41	65960	47.719	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	146729	45.641	ug/l	99
43) Isopropyl Acetate	8.12	43	209796	43.522	ug/l #	91
44) Trichloroethene	8.80	130	129019	45.885	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119931	48.596	ug/l	99
46) Dibromomethane	9.17	93	78040	47.333	ug/l	99
47) Bromodichloromethane	9.37	83	161809	48.775	ug/l	97
48) Methyl methacrylate	9.16	41	101731	44.166	ug/l	98
49) 1,4-Dioxane	9.16	88	36907	847.773	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	638063	220.484	ug/l	99
52) Toluene	10.12	92	284785	48.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176966	47.894	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	195514	49.366	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	114641	47.503	ug/l	97
56) Ethyl methacrylate	10.40	69	158750	47.668	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188509	47.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	404166	220.626	ug/l	100
59) 2-Hexanone	10.72	43	469866	225.603	ug/l	100
60) Dibromochloromethane	10.87	129	131529	49.030	ug/l	98
61) 1,2-Dibromoethane	10.97	107	114546	46.717	ug/l	99
64) Tetrachloroethene	10.60	164	131139	44.607	ug/l	99
65) Chlorobenzene	11.40	112	318044	49.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	121026	50.750	ug/l	100
67) Ethyl Benzene	11.48	91	539686	49.784	ug/l	99
68) m/p-Xylenes	11.59	106	425588	103.694	ug/l	97
69) o-Xylene	11.92	106	199722	51.280	ug/l	99
70) Styrene	11.94	104	347091	52.790	ug/l	99
71) Bromoform	12.10	173	89459	46.967	ug/l #	100
73) Isopropylbenzene	12.22	105	525356	50.224	ug/l	99
74) N-amyl acetate	12.04	43	185534	45.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143948	46.951	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	139746m	43.150	ug/l	
77) Bromobenzene	12.50	156	136942	48.560	ug/l	97
78) n-propylbenzene	12.56	91	591419	49.631	ug/l	98
79) 2-Chlorotoluene	12.65	91	357195	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	446012	51.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53154	44.983	ug/l	96
82) 4-Chlorotoluene	12.75	91	379843	49.196	ug/l	99
83) tert-Butylbenzene	12.96	119	369635	50.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	451778	51.392	ug/l	100
85) sec-Butylbenzene	13.14	105	477267	49.324	ug/l	100
86) p-Isopropyltoluene	13.26	119	443991	50.400	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246083	49.115	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	245839	46.396	ug/l	100
89) n-Butylbenzene	13.59	91	370558	47.898	ug/l	99
90) Hexachloroethane	13.85	117	74908	48.948	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	234495	47.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28351	41.097	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	128980	42.382	ug/l	99
94) Hexachlorobutadiene	14.98	225	64647	47.193	ug/l	99
95) Naphthalene	15.10	128	372091	40.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	121855	42.353	ug/l	99

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

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