

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064983.D
 Acq On : 8 Dec 2020 20:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:50 AM

Quant Time: Dec 09 07:52:20 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	7.63	168	197018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111972	48.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.78%
35) Dibromofluoromethane	7.55	113	99268	52.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.56%
50) Toluene-d8	10.06	98	378723	49.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.56%
62) 4-Bromofluorobenzene	12.37	95	136239	49.54	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.08%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	71005	41.584	ug/l	97
3) Chloromethane	2.04	50	93929	42.331	ug/l	97
4) Vinyl Chloride	2.17	62	102149	44.156	ug/l	100
5) Bromomethane	2.52	94	66264	43.659	ug/l	99
6) Chloroethane	2.67	64	66559	46.518	ug/l	100
7) Trichlorofluoromethane	2.99	101	150236	46.981	ug/l	98
8) Diethyl Ether	3.37	74	61394	48.638	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	90538	47.197	ug/l	99
10) Methyl Iodide	3.91	142	114376	45.967	ug/l	100
11) Tert butyl alcohol	4.74	59	75613	211.680	ug/l	99
12) 1,1-Dichloroethene	3.69	96	89361	46.774	ug/l	100
13) Acrolein	3.57	56	72518	332.368	ug/l	99
14) Allyl chloride	4.27	41	145222	46.087	ug/l	97
15) Acrylonitrile	4.93	53	240774	243.999	ug/l	100
16) Acetone	3.78	43	185397	246.231	ug/l	99
17) Carbon Disulfide	4.01	76	211412	42.859	ug/l	98
18) Methyl Acetate	4.28	43	112829	49.841	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	311560	50.847	ug/l	99
20) Methylene Chloride	4.50	84	112279	47.588	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	99655	46.972	ug/l	99
22) Diisopropyl ether	5.90	45	327013	51.849	ug/l	99
23) Vinyl Acetate	5.85	43	1284584	254.696	ug/l	99
24) 1,1-Dichloroethane	5.80	63	190733	50.602	ug/l	99
25) 2-Butanone	6.79	43	297046	243.370	ug/l	97
26) 2,2-Dichloropropane	6.78	77	146916	44.940	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	117606	49.262	ug/l	98
28) Bromochloromethane	7.15	49	81364	47.185	ug/l	96
29) Tetrahydrofuran	7.17	42	197967	234.965	ug/l	99
30) Chloroform	7.33	83	195452	50.283	ug/l	100
31) Cyclohexane	7.61	56	139847	43.807	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	167738	50.244	ug/l	99
36) 1,1-Dichloropropene	7.75	75	139348	47.830	ug/l	99
37) Ethyl Acetate	6.88	43	126569	45.101	ug/l	98
38) Carbon Tetrachloride	7.73	117	148160	48.875	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	136787	43.614	ug/l	100
40) Benzene	8.00	78	433121	48.514	ug/l	98
41) Methacrylonitrile	7.12	41	54009	41.708	ug/l	98
42) 1,2-Dichloroethane	8.08	62	143307	47.584	ug/l	100
43) Isopropyl Acetate	8.13	43	215507	47.723	ug/l #	92
44) Trichloroethene	8.80	130	119337	45.304	ug/l	96
45) 1,2-Dichloropropane	9.08	63	118568	51.284	ug/l	99
46) Dibromomethane	9.17	93	76707	49.663	ug/l	99
47) Bromodichloromethane	9.37	83	157230	50.592	ug/l	99
48) Methyl methacrylate	9.16	41	102610	47.553	ug/l	98
49) 1,4-Dioxane	9.17	88	35128	861.335	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	651710	240.390	ug/l	99
52) Toluene	10.12	92	273887	49.816	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	166240	48.025	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	185967	50.122	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	113254	50.094	ug/l	97
56) Ethyl methacrylate	10.40	69	158788	50.896	ug/l	98
57) 1,3-Dichloropropane	10.68	76	185586	49.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	414705	241.649	ug/l	100
59) 2-Hexanone	10.72	43	462651	237.122	ug/l	100
60) Dibromochloromethane	10.87	129	128327	51.063	ug/l	100
61) 1,2-Dibromoethane	10.97	107	115561	50.311	ug/l	98
64) Tetrachloroethene	10.60	164	122049	44.455	ug/l	98
65) Chlorobenzene	11.41	112	303329	50.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	118368	53.150	ug/l	100
67) Ethyl Benzene	11.48	91	518225	51.190	ug/l	99
68) m/p-Xylenes	11.59	106	403871	105.371	ug/l	97
69) o-Xylene	11.92	106	191151	52.555	ug/l	99
70) Styrene	11.94	104	337443	54.957	ug/l	98
71) Bromoform	12.10	173	89913	50.549	ug/l #	99
73) Isopropylbenzene	12.22	105	503240	51.963	ug/l	100
74) N-amyl acetate	12.04	43	186442	48.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	150655	53.074	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	145312m	48.462	ug/l	
77) Bromobenzene	12.50	156	133369	51.080	ug/l	98
78) n-propylbenzene	12.56	91	565317	51.240	ug/l	99
79) 2-Chlorotoluene	12.65	91	346083	50.747	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	431380	53.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51012	46.627	ug/l	97
82) 4-Chlorotoluene	12.75	91	355146	49.682	ug/l	98
83) tert-Butylbenzene	12.97	119	355334	52.663	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	434259	53.356	ug/l	100
85) sec-Butylbenzene	13.14	105	454140	50.693	ug/l	99
86) p-Isopropyltoluene	13.26	119	424567	52.055	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	229057	49.378	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	230592	47.004	ug/l	100
89) n-Butylbenzene	13.59	91	336816	47.024	ug/l	100
90) Hexachloroethane	13.85	117	75664	53.401	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	228939	50.263	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29227	45.760	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	120417	42.737	ug/l	99
94) Hexachlorobutadiene	14.98	225	58979	46.509	ug/l	98
95) Naphthalene	15.10	128	355260	42.086	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	113347	42.545	ug/l	99

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

