

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064882.D
 Acq On : 1 Dec 2020 15:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:27 PM

Quant Time: Dec 02 00:35:32 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	206222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110211	45.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.94%
35) Dibromofluoromethane	7.55	113	93395	49.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.52%
50) Toluene-d8	10.06	98	371364	47.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.88%
62) 4-Bromofluorobenzene	12.37	95	133118	48.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	78166	43.735	ug/l 97
3) Chloromethane	2.04	50	99594	42.881	ug/l 98
4) Vinyl Chloride	2.16	62	106502	43.983	ug/l 96
5) Bromomethane	2.52	94	67433	42.446	ug/l 98
6) Chloroethane	2.67	64	65630	43.821	ug/l 99
7) Trichlorofluoromethane	2.98	101	155519	46.462	ug/l 99
8) Diethyl Ether	3.37	74	59177	44.789	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94620	47.123	ug/l 98
10) Methyl Iodide	3.90	142	112903	43.350	ug/l 98
11) Tert butyl alcohol	4.75	59	85526	228.746	ug/l 99
12) 1,1-Dichloroethene	3.69	96	91424	45.718	ug/l 99
13) Acrolein	3.56	56	60498	264.902	ug/l 98
14) Allyl chloride	4.27	41	149603	45.358	ug/l 99
15) Acrylonitrile	4.93	53	250378	242.407	ug/l 100
16) Acetone	3.78	43	232848	295.449	ug/l 97
17) Carbon Disulfide	4.00	76	229118	44.375	ug/l 99
18) Methyl Acetate	4.28	43	111653	47.120	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	306492	47.788	ug/l 99
20) Methylene Chloride	4.50	84	109687	44.415	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	102179	46.012	ug/l 99
22) Diisopropyl ether	5.90	45	319786	48.440	ug/l 100
23) Vinyl Acetate	5.84	43	1303128	246.841	ug/l 99
24) 1,1-Dichloroethane	5.79	63	185506	47.018	ug/l 99
25) 2-Butanone	6.79	43	333941	261.387	ug/l 96
26) 2,2-Dichloropropane	6.78	77	161834	47.294	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	117712	47.106	ug/l 99
28) Bromochloromethane	7.15	49	80700	44.711	ug/l 96
29) Tetrahydrofuran	7.17	42	207067	234.797	ug/l 98
30) Chloroform	7.33	83	191396	47.042	ug/l 98
31) Cyclohexane	7.61	56	150326	44.988	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	164919	47.194	ug/l 99
36) 1,1-Dichloropropene	7.75	75	141184	48.076	ug/l 98
37) Ethyl Acetate	6.88	43	132209	46.737	ug/l 97
38) Carbon Tetrachloride	7.73	117	147172	48.165	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155550	49.204	ug/l	98
40) Benzene	8.00	78	435281	48.370	ug/l	98
41) Methacrylonitrile	7.12	41	63342	48.528	ug/l	94
42) 1,2-Dichloroethane	8.08	62	141293	46.543	ug/l	99
43) Isopropyl Acetate	8.13	43	215861	47.422	ug/l	99
44) Trichloroethene	8.80	130	126547	47.661	ug/l	97
45) 1,2-Dichloropropane	9.08	63	114954	49.327	ug/l	99
46) Dibromomethane	9.17	93	76468	49.116	ug/l	98
47) Bromodichloromethane	9.37	83	150940	48.183	ug/l	98
48) Methyl methacrylate	9.16	41	104698	48.136	ug/l	97
49) 1,4-Dioxane	9.17	88	40480	984.699	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	676246	247.463	ug/l	100
52) Toluene	10.12	92	273118	49.282	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	168713	48.354	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	186266	49.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	111014	48.714	ug/l	96
56) Ethyl methacrylate	10.40	69	156179	49.663	ug/l	99
57) 1,3-Dichloropropane	10.68	76	183802	48.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	499004	288.465	ug/l	100
59) 2-Hexanone	10.72	43	502283	255.395	ug/l	99
60) Dibromochloromethane	10.87	129	126558	49.960	ug/l	98
61) 1,2-Dibromoethane	10.97	107	112928	48.775	ug/l	99
64) Tetrachloroethene	10.60	164	141205	49.656	ug/l	98
65) Chlorobenzene	11.41	112	304544	48.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	113284	49.110	ug/l	99
67) Ethyl Benzene	11.48	91	520504	49.639	ug/l	99
68) m/p-Xylenes	11.60	106	405867	102.234	ug/l	99
69) o-Xylene	11.92	106	191815	50.916	ug/l	99
70) Styrene	11.94	104	332125	52.222	ug/l	99
71) Bromoform	12.10	173	88736	48.164	ug/l #	100
73) Isopropylbenzene	12.22	105	515995	50.467	ug/l	99
74) N-amyl acetate	12.04	43	191805	47.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139499	46.549	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	156115m	49.316	ug/l	
77) Bromobenzene	12.50	156	129701	47.053	ug/l	99
78) n-propylbenzene	12.57	91	591865	50.814	ug/l	99
79) 2-Chlorotoluene	12.65	91	345937	48.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	437316	51.458	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55722	48.244	ug/l	96
82) 4-Chlorotoluene	12.75	91	367006	48.630	ug/l	100
83) tert-Butylbenzene	12.97	119	364213	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	441172	51.344	ug/l	99
85) sec-Butylbenzene	13.14	105	486729	51.463	ug/l	100
86) p-Isopropyltoluene	13.26	119	459441	53.357	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	234241	47.830	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	233656	45.115	ug/l	99
89) n-Butylbenzene	13.59	91	388381	51.360	ug/l	99
90) Hexachloroethane	13.85	117	76623	51.223	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	230798	47.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29671	44.002	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	138565	46.581	ug/l	100
94) Hexachlorobutadiene	14.98	225	69092	51.567	ug/l	99
95) Naphthalene	15.10	128	401770	45.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	133145	47.181	ug/l	99

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

