

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062153.D
 Acq On : 26 Jun 2020 20:39
 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
 6/29/2020 12:35:47 PM

Quant Time: Jun 27 06:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222036	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	198867	53.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.04%	
35) Dibromofluoromethane	7.55	113	156667	50.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.28%	
50) Toluene-d8	10.06	98	624595	50.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	220546	52.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	157930	52.276	ug/l	99
3) Chloromethane	2.03	50	229823	65.019	ug/l	98
4) Vinyl Chloride	2.16	62	245679	51.640	ug/l	100
5) Bromomethane	2.52	94	155211	50.478	ug/l	97
6) Chloroethane	2.66	64	154167	47.436	ug/l	99
7) Trichlorofluoromethane	2.98	101	261486	44.605	ug/l	99
8) Diethyl Ether	3.37	74	111276	54.360	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	148110	48.246	ug/l	98
10) Methyl Iodide	3.91	142	186292	53.883	ug/l	99
11) Tert butyl alcohol	4.73	59	150610	279.671	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153912	50.151	ug/l	99
13) Acrolein	3.56	56	164760	312.491	ug/l	99
14) Allyl chloride	4.27	41	230328	55.124	ug/l	99
15) Acrylonitrile	4.93	53	394611	268.900	ug/l	99
16) Acetone	3.77	43	323241	274.964	ug/l	97
17) Carbon Disulfide	4.01	76	424406	48.283	ug/l	100
18) Methyl Acetate	4.28	43	159970	53.652	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	542636	55.334	ug/l	100
20) Methylene Chloride	4.50	84	182567	53.036	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	167156	47.812	ug/l	96
22) Diisopropyl ether	5.90	45	526978	55.392	ug/l	100
23) Vinyl Acetate	5.84	43	2200377	283.284	ug/l	98
24) 1,1-Dichloroethane	5.80	63	309263	50.482	ug/l	100
25) 2-Butanone	6.78	43	488656	266.542	ug/l	98
26) 2,2-Dichloropropane	6.77	77	212861	41.696	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	198429	50.439	ug/l	99
28) Bromochloromethane	7.15	49	137772	51.832	ug/l	95
29) Tetrahydrofuran	7.17	42	326619	271.976	ug/l	99
30) Chloroform	7.33	83	305155	48.958	ug/l	100
31) Cyclohexane	7.61	56	257995	49.787	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	257654	49.017	ug/l	99
36) 1,1-Dichloropropene	7.75	75	228449	46.661	ug/l	99
37) Ethyl Acetate	6.88	43	213502	52.663	ug/l	98
38) Carbon Tetrachloride	7.73	117	212800	46.103	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	265566	49.505	ug/l	98
40) Benzene	8.00	78	704459	47.208	ug/l	98
41) Methacrylonitrile	7.13	41	93436m	49.713	ug/l	
42) 1,2-Dichloroethane	8.08	62	244713	48.537	ug/l	100
43) Isopropyl Acetate	8.13	43	351002	53.111	ug/l #	90
44) Trichloroethene	8.80	130	171581	45.581	ug/l	98
45) 1,2-Dichloropropane	9.08	63	179372	48.723	ug/l	100
46) Dibromomethane	9.17	93	119351	47.816	ug/l	96
47) Bromodichloromethane	9.37	83	243414	48.297	ug/l	99
48) Methyl methacrylate	9.17	41	155381	52.436	ug/l	97
49) 1,4-Dioxane	9.17	88	64260	977.888	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1033666	267.702	ug/l	99
52) Toluene	10.12	92	452690	49.718	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	268587	48.439	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	293360	49.695	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	174213	48.675	ug/l	99
56) Ethyl methacrylate	10.40	69	262252	54.905	ug/l	97
57) 1,3-Dichloropropane	10.68	76	300942	48.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	503096	247.559	ug/l	99
59) 2-Hexanone	10.72	43	765666	274.608	ug/l	98
60) Dibromochloromethane	10.87	129	181145	47.805	ug/l	99
61) 1,2-Dibromoethane	10.98	107	175574	47.741	ug/l	99
64) Tetrachloroethene	10.60	164	136294	43.533	ug/l	99
65) Chlorobenzene	11.41	112	469626	46.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	164150	47.164	ug/l	100
67) Ethyl Benzene	11.48	91	856741	50.400	ug/l	99
68) m/p-Xylenes	11.60	106	652851	99.296	ug/l	98
69) o-Xylene	11.92	106	315957	50.933	ug/l	98
70) Styrene	11.94	104	539129	52.111	ug/l	98
71) Bromoform	12.10	173	119720	48.380	ug/l #	99
73) Isopropylbenzene	12.22	105	837975	48.755	ug/l	99
74) N-amyl acetate	12.04	43	319008	50.393	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	260005	45.459	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	220569m	42.199	ug/l	
77) Bromobenzene	12.50	156	317746	74.465	ug/l	54
78) n-propylbenzene	12.57	91	971747	49.428	ug/l	99
79) 2-Chlorotoluene	12.65	91	568553	47.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	714093	51.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	84072	46.973	ug/l	98
82) 4-Chlorotoluene	12.75	91	594417	48.364	ug/l	98
83) tert-Butylbenzene	12.97	119	595673	49.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	726289	52.193	ug/l	99
85) sec-Butylbenzene	13.15	105	800378	50.798	ug/l	100
86) p-Isopropyltoluene	13.26	119	711610	51.551	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	351848	46.957	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	351876	45.557	ug/l	99
89) n-Butylbenzene	13.59	91	613292	53.439	ug/l	100
90) Hexachloroethane	13.85	117	128506	47.448	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	343401	47.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45526	49.688	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	165055	52.000	ug/l	98
94) Hexachlorobutadiene	14.98	225	65676	47.639	ug/l	99
95) Naphthalene	15.10	128	558565	52.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	162735	50.140	ug/l	97

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

