

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062228.D
 Acq On : 30 Jun 2020 8:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:25 AM

Quant Time: Jun 30 10:11:19 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	221648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172713	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
35) Dibromofluoromethane	7.55	113	136649	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.06	98	549345	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	182433	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116102	46.342	ug/l	99
3) Chloromethane	2.03	50	153369	52.053	ug/l	97
4) Vinyl Chloride	2.16	62	182248	46.192	ug/l	98
5) Bromomethane	2.52	94	118841	46.606	ug/l	98
6) Chloroethane	2.66	64	129328	47.985	ug/l	98
7) Trichlorofluoromethane	2.98	101	225883	46.463	ug/l	100
8) Diethyl Ether	3.37	74	87472	51.527	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124452	48.884	ug/l	98
10) Methyl Iodide	3.91	142	157922	55.080	ug/l	99
11) Tert butyl alcohol	4.73	59	119893	268.461	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126221	49.595	ug/l	99
13) Acrolein	3.56	56	126409	289.105	ug/l	97
14) Allyl chloride	4.27	41	178426	51.493	ug/l	99
15) Acrylonitrile	4.93	53	344185	282.818	ug/l	99
16) Acetone	3.77	43	268747	275.678	ug/l	98
17) Carbon Disulfide	4.00	76	351359	48.201	ug/l	100
18) Methyl Acetate	4.28	43	141105	57.067	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	439365	54.026	ug/l	98
20) Methylene Chloride	4.50	84	154664	54.184	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	141320	48.742	ug/l	93
22) Diisopropyl ether	5.90	45	433478	54.943	ug/l	98
23) Vinyl Acetate	5.84	43	1801832	279.726	ug/l	98
24) 1,1-Dichloroethane	5.80	63	267807	52.713	ug/l	99
25) 2-Butanone	6.78	43	427900	281.447	ug/l	98
26) 2,2-Dichloropropane	6.78	77	140146	33.103	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	164957	50.562	ug/l	97
28) Bromochloromethane	7.15	49	116994	53.075	ug/l	96
29) Tetrahydrofuran	7.17	42	285596	286.770	ug/l	99
30) Chloroform	7.33	83	268358	51.917	ug/l	99
31) Cyclohexane	7.61	56	212190	49.376	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	222626	51.071	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198033	47.758	ug/l	98
37) Ethyl Acetate	6.88	43	180681	52.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	183925	47.047	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	217519	47.876	ug/l	99
40) Benzene	8.00	78	618235	48.916	ug/l	98
41) Methacrylonitrile	7.12	41	72427	45.499	ug/l	93
42) 1,2-Dichloroethane	8.09	62	217133	50.849	ug/l	99
43) Isopropyl Acetate	8.13	43	297382	53.129	ug/l #	90
44) Trichloroethene	8.80	130	147810	46.362	ug/l	99
45) 1,2-Dichloropropane	9.09	63	160290	51.407	ug/l	98
46) Dibromomethane	9.17	93	105029	49.682	ug/l	97
47) Bromodichloromethane	9.37	83	218096	51.094	ug/l	99
48) Methyl methacrylate	9.17	41	135433	53.964	ug/l	99
49) 1,4-Dioxane	9.17	88	56588	1016.751	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	926304	283.247	ug/l	99
52) Toluene	10.12	92	389578	50.519	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	224180	47.737	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	244333	48.869	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	157196	51.857	ug/l	99
56) Ethyl methacrylate	10.40	69	226267	55.931	ug/l	99
57) 1,3-Dichloropropane	10.68	76	269813	51.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	437990	254.019	ug/l	97
59) 2-Hexanone	10.72	43	674864	285.781	ug/l	100
60) Dibromochloromethane	10.87	129	163141	50.833	ug/l	98
61) 1,2-Dibromoethane	10.98	107	155274	49.851	ug/l	98
64) Tetrachloroethene	10.60	164	118079	44.659	ug/l	97
65) Chlorobenzene	11.41	112	409379	48.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	145274	49.426	ug/l	99
67) Ethyl Benzene	11.48	91	734570	51.170	ug/l	98
68) m/p-Xylenes	11.59	106	557992	100.494	ug/l	98
69) o-Xylene	11.92	106	265696	50.717	ug/l	97
70) Styrene	11.94	104	461765	52.852	ug/l	99
71) Bromoform	12.10	173	105062	50.274	ug/l #	98
73) Isopropylbenzene	12.22	105	702824	50.114	ug/l	99
74) N-amyl acetate	12.04	43	267386	51.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	235418	50.443	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	209689m	49.165	ug/l	
77) Bromobenzene	12.50	156	163493	46.956	ug/l	93
78) n-propylbenzene	12.56	91	825474	51.457	ug/l	99
79) 2-Chlorotoluene	12.65	91	488600	50.381	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	586283	51.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	68130	46.651	ug/l	99
82) 4-Chlorotoluene	12.75	91	498746	49.732	ug/l	99
83) tert-Butylbenzene	12.97	119	488807	50.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	586879	51.686	ug/l	99
85) sec-Butylbenzene	13.15	105	683993	53.202	ug/l	99
86) p-Isopropyltoluene	13.26	119	593013	52.648	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	299130	48.925	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	295820	46.938	ug/l	99
89) n-Butylbenzene	13.59	91	494066	52.760	ug/l	99
90) Hexachloroethane	13.85	117	115319	52.182	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	290268	48.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	41474	55.474	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	127452	49.209	ug/l	99
94) Hexachlorobutadiene	14.98	225	56441	50.173	ug/l	97
95) Naphthalene	15.10	128	381694	44.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	132415	49.999	ug/l	99

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

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