

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063446.D
 Acq On : 18 Sep 2020 2:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:03:28 AM

Quant Time: Sep 18 05:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	233298	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.55	113	163473	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	10.06	98	628678	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	243778	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157455	47.775	ug/l	98
3) Chloromethane	2.04	50	187199	42.937	ug/l	100
4) Vinyl Chloride	2.16	62	186760	48.349	ug/l	99
5) Bromomethane	2.53	94	113814	49.625	ug/l	98
6) Chloroethane	2.67	64	111182	46.890	ug/l	95
7) Trichlorofluoromethane	2.99	101	287868	49.949	ug/l	99
8) Diethyl Ether	3.38	74	105176	46.814	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144593	44.612	ug/l	96
10) Methyl Iodide	3.91	142	209326	49.606	ug/l	100
11) Tert butyl alcohol	4.72	59	146290	213.241	ug/l	100
12) 1,1-Dichloroethene	3.70	96	155522	47.374	ug/l	99
13) Acrolein	3.57	56	62057	244.095	ug/l	100
14) Allyl chloride	4.28	41	286313	44.091	ug/l	97
15) Acrylonitrile	4.93	53	404584	231.849	ug/l	100
16) Acetone	3.77	43	367584	230.968	ug/l	100
17) Carbon Disulfide	4.01	76	414598	43.418	ug/l	100
18) Methyl Acetate	4.27	43	187869	46.500	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	567830	46.409	ug/l	98
20) Methylene Chloride	4.51	84	181609	45.039	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	164523	45.234	ug/l	98
22) Diisopropyl ether	5.90	45	610422	46.092	ug/l	97
23) Vinyl Acetate	5.84	43	2546080	234.090	ug/l	99
24) 1,1-Dichloroethane	5.80	63	334060	46.202	ug/l	98
25) 2-Butanone	6.78	43	551785	225.431	ug/l	99
26) 2,2-Dichloropropane	6.78	77	215296	33.820	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	197226	47.908	ug/l	97
28) Bromochloromethane	7.15	49	152357	45.637	ug/l	95
29) Tetrahydrofuran	7.16	42	373132	223.203	ug/l	99
30) Chloroform	7.33	83	345850	47.676	ug/l	96
31) Cyclohexane	7.61	56	284481	41.595	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	306939	47.572	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248982	45.268	ug/l	99
37) Ethyl Acetate	6.88	43	243136	45.040	ug/l	99
38) Carbon Tetrachloride	7.74	117	261930	46.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	257566	43.147	ug/l	98
40) Benzene	8.00	78	730306	46.513	ug/l	99
41) Methacrylonitrile	7.12	41	111846	46.067	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	297061	47.047	ug/l	99
43) Isopropyl Acetate	8.13	43	430791	44.630	ug/l #	90
44) Trichloroethene	8.80	130	181885	47.761	ug/l	98
45) 1,2-Dichloropropane	9.08	63	195915	45.814	ug/l	99
46) Dibromomethane	9.18	93	130633	46.478	ug/l	99
47) Bromodichloromethane	9.37	83	273683	46.872	ug/l	98
48) Methyl methacrylate	9.17	41	210960	44.484	ug/l	96
49) 1,4-Dioxane	9.16	88	58396	858.060	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1249293	231.186	ug/l	100
52) Toluene	10.13	92	458897	48.612	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	293869	45.082	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	307504	44.723	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	180714	48.195	ug/l	97
56) Ethyl methacrylate	10.40	69	280564	47.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	315607	46.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	721647	235.012	ug/l	97
59) 2-Hexanone	10.72	43	909179	232.234	ug/l	98
60) Dibromochloromethane	10.87	129	202538	47.813	ug/l	100
61) 1,2-Dibromoethane	10.98	107	190509	48.904	ug/l	99
64) Tetrachloroethene	10.60	164	159343	47.940	ug/l	100
65) Chlorobenzene	11.41	112	482396	46.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	179806	47.340	ug/l	99
67) Ethyl Benzene	11.48	91	914134	46.848	ug/l	100
68) m/p-Xylenes	11.60	106	674033	95.806	ug/l	97
69) o-Xylene	11.92	106	321450	47.964	ug/l	100
70) Styrene	11.94	104	561712	49.979	ug/l	99
71) Bromoform	12.10	173	128093	45.270	ug/l #	96
73) Isopropylbenzene	12.22	105	876424	46.200	ug/l	99
74) N-amyl acetate	12.05	43	472967	52.670	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	262586	44.705	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	243635m	41.580	ug/l	
77) Bromobenzene	12.50	156	269484	63.152	ug/l	63
78) n-propylbenzene	12.57	91	1024356	46.362	ug/l	99
79) 2-Chlorotoluene	12.65	91	625858	47.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	760288	48.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	82869	38.775	ug/l	99
82) 4-Chlorotoluene	12.75	91	645628	46.136	ug/l	100
83) tert-Butylbenzene	12.97	119	613216	46.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	753081	47.132	ug/l	99
85) sec-Butylbenzene	13.15	105	805522	46.093	ug/l	99
86) p-Isopropyltoluene	13.26	119	740173	48.019	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	373817	47.264	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	370572	46.084	ug/l	99
89) n-Butylbenzene	13.59	91	663797	46.720	ug/l	100
90) Hexachloroethane	13.85	117	128401	43.747	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	368237	47.422	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60579	43.311	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	219762	48.007	ug/l	99
94) Hexachlorobutadiene	14.98	225	92437	48.776	ug/l	99
95) Naphthalene	15.10	128	751258	49.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	207608	46.937	ug/l	97

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

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