

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063524.D
 Acq On : 22 Sep 2020 7:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:46 PM

Quant Time: Sep 22 08:01:49 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	245672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209572	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.55	113	148747	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.06	98	556296	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	215775	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130938	47.045	ug/l	99
3) Chloromethane	2.04	50	164666	44.723	ug/l	99
4) Vinyl Chloride	2.16	62	164543	50.440	ug/l	99
5) Bromomethane	2.52	94	103310	53.339	ug/l	98
6) Chloroethane	2.67	64	99162	49.521	ug/l	99
7) Trichlorofluoromethane	2.98	101	253575	52.100	ug/l	98
8) Diethyl Ether	3.37	74	95725	50.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	131862	48.175	ug/l	99
10) Methyl Iodide	3.91	142	184102	51.662	ug/l	98
11) Tert butyl alcohol	4.73	59	147983	255.428	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	136985	49.411	ug/l	97
13) Acrolein	3.57	56	88170	410.666	ug/l	95
14) Allyl chloride	4.28	41	254578	46.423	ug/l	99
15) Acrylonitrile	4.93	53	391239	265.484	ug/l	99
16) Acetone	3.77	43	360074	267.908	ug/l	100
17) Carbon Disulfide	4.01	76	367070	45.519	ug/l	98
18) Methyl Acetate	4.28	43	185510	54.370	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	507810	49.146	ug/l	98
20) Methylene Chloride	4.50	84	163852	48.118	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	145502	47.370	ug/l	98
22) Diisopropyl ether	5.90	45	549966	49.174	ug/l	99
23) Vinyl Acetate	5.84	43	2319801	252.559	ug/l	99
24) 1,1-Dichloroethane	5.80	63	297329	48.694	ug/l	99
25) 2-Butanone	6.78	43	551430	266.768	ug/l	98
26) 2,2-Dichloropropane	6.78	77	182084	33.870	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	175072	50.357	ug/l	96
28) Bromochloromethane	7.15	49	145533	51.620	ug/l	96
29) Tetrahydrofuran	7.16	42	364838	258.427	ug/l	99
30) Chloroform	7.33	83	307527	50.199	ug/l	100
31) Cyclohexane	7.61	56	247974	42.933	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	273303	50.159	ug/l	99
36) 1,1-Dichloropropene	7.75	75	223182	46.667	ug/l	100
37) Ethyl Acetate	6.88	43	227338	48.434	ug/l	98
38) Carbon Tetrachloride	7.73	117	231854	47.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	213247	41.084	ug/l	99
40) Benzene	8.00	78	648341	47.491	ug/l	97
41) Methacrylonitrile	7.13	41	106451	50.425	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	263736	48.038	ug/l	99
43) Isopropyl Acetate	8.13	43	395994	47.182	ug/l	98
44) Trichloroethene	8.80	130	165017	49.835	ug/l	96
45) 1,2-Dichloropropane	9.08	63	178130	47.907	ug/l	100
46) Dibromomethane	9.17	93	121354	49.657	ug/l	99
47) Bromodichloromethane	9.37	83	246965	48.644	ug/l	99
48) Methyl methacrylate	9.16	41	195912	47.511	ug/l	97
49) 1,4-Dioxane	9.16	88	57282	968.018	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1213980	258.368	ug/l	100
52) Toluene	10.12	92	406116	49.478	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	254098	44.831	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	268106	44.845	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	164086	50.329	ug/l	98
56) Ethyl methacrylate	10.40	69	255973	50.292	ug/l	97
57) 1,3-Dichloropropane	10.68	76	280035	47.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	642127	240.501	ug/l	98
59) 2-Hexanone	10.72	43	896177	263.269	ug/l	99
60) Dibromochloromethane	10.87	129	183446	49.805	ug/l	98
61) 1,2-Dibromoethane	10.98	107	168253	49.673	ug/l	97
64) Tetrachloroethene	10.60	164	144069	50.589	ug/l	98
65) Chlorobenzene	11.41	112	419979	47.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	160370	49.280	ug/l	98
67) Ethyl Benzene	11.48	91	797097	47.677	ug/l	100
68) m/p-Xylenes	11.59	106	583762	96.843	ug/l	98
69) o-Xylene	11.92	106	282276	49.158	ug/l	99
70) Styrene	11.94	104	487299	50.604	ug/l	99
71) Bromoform	12.10	173	121137	49.967	ug/l #	99
73) Isopropylbenzene	12.22	105	753625	47.290	ug/l	100
74) N-amyl acetate	12.05	43	359399	47.642	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	237821	48.196	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	217367m	44.159	ug/l	
77) Bromobenzene	12.50	156	177202	49.432	ug/l	97
78) n-propylbenzene	12.57	91	873743	47.073	ug/l	100
79) 2-Chlorotoluene	12.65	91	535011	48.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	632135	47.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74850	41.690	ug/l	98
82) 4-Chlorotoluene	12.75	91	557369	47.411	ug/l	99
83) tert-Butylbenzene	12.97	119	519476	47.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	645635	48.099	ug/l	100
85) sec-Butylbenzene	13.14	105	674473	45.941	ug/l	99
86) p-Isopropyltoluene	13.26	119	598310	46.205	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	317529	47.790	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	322363	47.720	ug/l	100
89) n-Butylbenzene	13.59	91	528034	44.240	ug/l	98
90) Hexachloroethane	13.85	117	112229	45.516	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	315226	48.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56362	47.967	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	170603	44.362	ug/l	99
94) Hexachlorobutadiene	14.98	225	76368	47.968	ug/l	99
95) Naphthalene	15.10	128	600029	47.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	170202	45.806	ug/l	99

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

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