

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061726.D
 Acq On : 9 Jun 2020 16:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 03:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	336438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	519572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	507999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	177642	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	7.54	113	141955	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.06	98	619016	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.37	95	226856	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	166088	42.923	ug/l	100
3) Chloromethane	2.03	50	164932	40.193	ug/l	99
4) Vinyl Chloride	2.16	62	231115	41.100	ug/l	100
5) Bromomethane	2.52	94	143561	44.492	ug/l	98
6) Chloroethane	2.67	64	147016	40.618	ug/l	97
7) Trichlorofluoromethane	2.98	101	364823	50.311	ug/l	100
8) Diethyl Ether	3.37	74	92148	41.558	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148112	46.029	ug/l	99
10) Methyl Iodide	3.91	142	189047	42.321	ug/l	98
11) Tert butyl alcohol	4.72	59	109919	206.161	ug/l	99
12) 1,1-Dichloroethene	3.69	96	143344	41.696	ug/l	93
13) Acrolein	3.56	56	31730	199.211	ug/l	100
14) Allyl chloride	4.27	41	177308	39.451	ug/l	97
15) Acrylonitrile	4.92	53	301126	202.344	ug/l	98
16) Acetone	3.77	43	243561	219.721	ug/l	96
17) Carbon Disulfide	4.00	76	290719	38.437	ug/l	99
18) Methyl Acetate	4.27	43	142374	39.236	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	472159	40.299	ug/l	99
20) Methylene Chloride	4.50	84	165346	45.216	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	161677	41.702	ug/l	94
22) Diisopropyl ether	5.90	45	416498	42.046	ug/l	98
23) Vinyl Acetate	5.83	43	1516888	192.128	ug/l	97
24) 1,1-Dichloroethane	5.79	63	268505	42.746	ug/l	100
25) 2-Butanone	6.78	43	354512	186.613	ug/l	99
26) 2,2-Dichloropropane	6.77	77	248799	43.275	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	194098	44.213	ug/l	98
28) Bromochloromethane	7.14	49	111182	47.067	ug/l	96
29) Tetrahydrofuran	7.16	42	232899	185.917	ug/l	97
30) Chloroform	7.32	83	305393	43.946	ug/l	98
31) Cyclohexane	7.61	56	222365	39.362	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	272634	43.055	ug/l	99
36) 1,1-Dichloropropene	7.74	75	218000	47.396	ug/l	100
37) Ethyl Acetate	6.87	43	153472	41.427	ug/l	97
38) Carbon Tetrachloride	7.73	117	228003	51.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	253041	44.634	ug/l	97
40) Benzene	8.00	78	667190	47.012	ug/l	97
41) Methacrylonitrile	7.12	41	69621	41.018	ug/l	95
42) 1,2-Dichloroethane	8.08	62	212391	44.703	ug/l	100
43) Isopropyl Acetate	8.12	43	267344	40.111	ug/l #	91
44) Trichloroethene	8.80	130	204581	46.906	ug/l	97
45) 1,2-Dichloropropane	9.08	63	161124	47.813	ug/l	99
46) Dibromomethane	9.17	93	122306	47.322	ug/l	98
47) Bromodichloromethane	9.36	83	248414	48.513	ug/l	99
48) Methyl methacrylate	9.16	41	117835	39.295	ug/l	95
49) 1,4-Dioxane	9.16	88	54859	1180.900	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	778395	207.244	ug/l	97
52) Toluene	10.12	92	456772	49.313	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	263941	47.849	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	287286	48.437	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	179865	48.739	ug/l	98
56) Ethyl methacrylate	10.40	69	233419	45.280	ug/l	98
57) 1,3-Dichloropropane	10.68	76	286354	48.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	508731	230.928	ug/l	99
59) 2-Hexanone	10.72	43	553198	205.085	ug/l	97
60) Dibromochloromethane	10.87	129	210573	50.191	ug/l	99
61) 1,2-Dibromoethane	10.98	107	185685	48.244	ug/l	99
64) Tetrachloroethene	10.60	164	226512	47.369	ug/l	97
65) Chlorobenzene	11.40	112	506002	47.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	193904	49.317	ug/l	99
67) Ethyl Benzene	11.48	91	877047	48.055	ug/l	100
68) m/p-Xylenes	11.59	106	695720	96.140	ug/l	98
69) o-Xylene	11.92	106	329384	47.922	ug/l	99
70) Styrene	11.94	104	563644	49.519	ug/l	98
71) Bromoform	12.10	173	148210	48.919	ug/l #	99
73) Isopropylbenzene	12.22	105	882950	44.930	ug/l	99
74) N-amyl acetate	12.04	43	237719	38.412	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	227211	41.259	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	201872m	41.232	ug/l	
77) Bromobenzene	12.50	156	230364	45.924	ug/l	95
78) n-propylbenzene	12.56	91	992041	45.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	575338	43.981	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	733409	44.652	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	77845	40.660	ug/l	100
82) 4-Chlorotoluene	12.75	91	605710	44.013	ug/l	98
83) tert-Butylbenzene	12.97	119	640674	44.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	748812	45.891	ug/l	99
85) sec-Butylbenzene	13.15	105	824593	44.095	ug/l	100
86) p-Isopropyltoluene	13.26	119	776122	45.067	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	414418	46.654	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	418985	46.301	ug/l	99
89) n-Butylbenzene	13.59	91	634472	43.986	ug/l	99
90) Hexachloroethane	13.85	117	109025	57.245	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	392848	46.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39202	34.905	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	230153	46.359	ug/l	100
94) Hexachlorobutadiene	14.99	225	96104	45.389	ug/l	99
95) Naphthalene	15.10	128	620923	41.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	221769	45.433	ug/l	98

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

