

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061656.D
 Acq On : 4 Jun 2020 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 08:13:22 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	365060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	586231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	293418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209864	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.54	113	157505	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.06	98	722062	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.37	95	270952	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	190475	45.301	ug/l	97
3) Chloromethane	2.03	50	200178	44.958	ug/l	100
4) Vinyl Chloride	2.16	62	285002	46.709	ug/l	99
5) Bromomethane	2.53	94	171481	48.978	ug/l	96
6) Chloroethane	2.67	64	180913	46.064	ug/l	99
7) Trichlorofluoromethane	2.98	101	427617	54.347	ug/l	99
8) Diethyl Ether	3.37	74	110143	45.779	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	175089	50.146	ug/l	99
10) Methyl Iodide	3.91	142	224533	46.325	ug/l	100
11) Tert butyl alcohol	4.73	59	140632	243.086	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	171367	45.939	ug/l	95
13) Acrolein	3.56	56	36720	214.789	ug/l	98
14) Allyl chloride	4.27	41	219487	45.007	ug/l	98
15) Acrylonitrile	4.92	53	361957	224.151	ug/l	99
16) Acetone	3.77	43	280040	233.202	ug/l	100
17) Carbon Disulfide	4.01	76	343057	41.801	ug/l	98
18) Methyl Acetate	4.27	43	172253	43.748	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	591903	46.558	ug/l	99
20) Methylene Chloride	4.50	84	196195	49.615	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	198228	47.121	ug/l	92
22) Diisopropyl ether	5.90	45	507052	47.174	ug/l	98
23) Vinyl Acetate	5.84	43	1868035	218.053	ug/l	97
24) 1,1-Dichloroethane	5.79	63	322667	47.341	ug/l	99
25) 2-Butanone	6.78	43	442225	214.533	ug/l	97
26) 2,2-Dichloropropane	6.77	77	306044	49.059	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	235963	49.535	ug/l	98
28) Bromochloromethane	7.14	49	129489	50.624	ug/l	93
29) Tetrahydrofuran	7.16	42	287828	211.751	ug/l	97
30) Chloroform	7.32	83	371672	49.290	ug/l	100
31) Cyclohexane	7.61	56	269385	43.946	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	335141	48.777	ug/l	100
36) 1,1-Dichloropropene	7.75	75	262451	50.572	ug/l	99
37) Ethyl Acetate	6.88	43	194108	46.438	ug/l	98
38) Carbon Tetrachloride	7.73	117	280563	56.047	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061656.D
 Acq On : 4 Jun 2020 16:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 08:13:22 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)
39) Methylcyclohexane	9.04	83	299325	46.794	ug/l	97
40) Benzene	8.00	78	812976	50.771	ug/l	99
41) Methacrylonitrile	7.13	41	100877m	52.675	ug/l	
42) 1,2-Dichloroethane	8.08	62	268036	50.000	ug/l	100
43) Isopropyl Acetate	8.12	43	338469	45.008	ug/l	96
44) Trichloroethene	8.80	130	255221	51.863	ug/l	95
45) 1,2-Dichloropropane	9.08	63	192440	50.612	ug/l	99
46) Dibromomethane	9.17	93	146441	50.218	ug/l	97
47) Bromodichloromethane	9.37	83	298210	51.616	ug/l	99
48) Methyl methacrylate	9.16	41	150017	44.339	ug/l	96
49) 1,4-Dioxane	9.16	88	65042	1240.898	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	986488	232.783	ug/l	98
52) Toluene	10.12	92	550326	52.657	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	322520	51.820	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	344047	51.411	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	216335	51.956	ug/l	97
56) Ethyl methacrylate	10.40	69	299611	51.511	ug/l	97
57) 1,3-Dichloropropane	10.68	76	343171	51.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	616161	247.890	ug/l	99
59) 2-Hexanone	10.72	43	708999	232.957	ug/l	99
60) Dibromochloromethane	10.87	129	258631	54.637	ug/l	99
61) 1,2-Dibromoethane	10.98	107	228327	52.578	ug/l	99
64) Tetrachloroethene	10.60	164	274742	51.647	ug/l	99
65) Chlorobenzene	11.40	112	614363	52.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	234335	53.575	ug/l	100
67) Ethyl Benzene	11.48	91	1063435	52.377	ug/l	99
68) m/p-Xylenes	11.59	106	847215	105.239	ug/l	99
69) o-Xylene	11.92	106	406113	53.113	ug/l	99
70) Styrene	11.94	104	688260	54.354	ug/l	99
71) Bromoform	12.10	173	179793	53.344	ug/l	# 99
73) Isopropylbenzene	12.22	105	1065462	49.752	ug/l	100
74) N-amyl acetate	12.04	43	307750	45.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	269313	44.875	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	247855m	46.454	ug/l	
77) Bromobenzene	12.50	156	281851	51.560	ug/l	96
78) n-propylbenzene	12.56	91	1183799	49.515	ug/l	99
79) 2-Chlorotoluene	12.65	91	699833	49.091	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	883881	49.380	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	95601	45.821	ug/l	99
82) 4-Chlorotoluene	12.75	91	742121	49.483	ug/l	99
83) tert-Butylbenzene	12.97	119	752347	47.572	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	897855	50.492	ug/l	99
85) sec-Butylbenzene	13.15	105	946569	46.448	ug/l	100
86) p-Isopropyltoluene	13.26	119	893909	47.631	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	505859	52.257	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	512076	51.927	ug/l	99
89) n-Butylbenzene	13.59	91	711072	45.235	ug/l	99
90) Hexachloroethane	13.85	117	122449	58.997	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	479762	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52143	42.603	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
Data File : VN061656.D
Acq On : 4 Jun 2020 16:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 05 08:13:22 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)
93) 1,2,4-Trichlorobenzene	14.88	180	274069	50.657	ug/l	99
94) Hexachlorobutadiene	14.99	225	90869	39.381	ug/l	98
95) Naphthalene	15.10	128	799497	48.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	257965	48.495	ug/l	98

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

