

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060217.D
 Acq On : 24 Feb 2020 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:42:53 AM

Quant Time: Feb 25 00:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112805	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.57	113	89597	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.08	98	349262	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	134145	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	80945	45.582	ug/l	99
3) Chloromethane	2.04	50	94661	44.793	ug/l	98
4) Vinyl Chloride	2.17	62	111000	46.081	ug/l	99
5) Bromomethane	2.54	94	67439	45.659	ug/l	100
6) Chloroethane	2.69	64	57705	47.363	ug/l	97
7) Trichlorofluoromethane	3.00	101	145311	46.789	ug/l	99
8) Diethyl Ether	3.39	74	50757	49.098	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	80771	46.845	ug/l	99
10) Methyl Iodide	3.93	142	112319	48.547	ug/l	98
11) Tert butyl alcohol	4.73	59	74546	230.433	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79745	47.476	ug/l	99
13) Acrolein	3.58	56	75481	236.052	ug/l	99
14) Allyl chloride	4.30	41	116583	47.157	ug/l	99
15) Acrylonitrile	4.95	53	208569	263.998	ug/l	99
16) Acetone	3.78	43	180268	191.171	ug/l	100
17) Carbon Disulfide	4.03	76	218252	43.108	ug/l	99
18) Methyl Acetate	4.29	43	97608	55.103	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	278557	49.313	ug/l	99
20) Methylene Chloride	4.53	84	90871	48.302	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	87023	47.528	ug/l	99
22) Diisopropyl ether	5.92	45	274122	50.593	ug/l	98
23) Vinyl Acetate	5.86	43	1154998	253.844	ug/l	99
24) 1,1-Dichloroethane	5.82	63	161034	49.062	ug/l	99
25) 2-Butanone	6.80	43	279416	235.605	ug/l	99
26) 2,2-Dichloropropane	6.80	77	148488	47.630	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	103169	48.146	ug/l	100
28) Bromochloromethane	7.17	49	62826	48.688	ug/l	99
29) Tetrahydrofuran	7.18	42	184060	252.983	ug/l	99
30) Chloroform	7.35	83	169550	49.313	ug/l	99
31) Cyclohexane	7.63	56	142215	46.513	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	154387	49.137	ug/l	100
36) 1,1-Dichloropropene	7.77	75	124935	47.670	ug/l	99
37) Ethyl Acetate	6.90	43	119005	50.242	ug/l	99
38) Carbon Tetrachloride	7.75	117	136152	47.834	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060217.D
 Acq On : 24 Feb 2020 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:42:53 AM

Quant Time: Feb 25 00:32:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	151702	46.630	ug/l	99
40) Benzene	8.02	78	372017	47.852	ug/l	100
41) Methacrylonitrile	7.15	41	50693m	51.033	ug/l	
42) 1,2-Dichloroethane	8.10	62	135317	49.661	ug/l	100
43) Isopropyl Acetate	8.14	43	205061	50.645	ug/l	99
44) Trichloroethene	8.82	130	100487	46.680	ug/l	97
45) 1,2-Dichloropropane	9.10	63	96722	50.252	ug/l	97
46) Dibromomethane	9.19	93	66949	49.222	ug/l	98
47) Bromodichloromethane	9.39	83	136825	49.479	ug/l	95
48) Methyl methacrylate	9.18	41	89777	49.419	ug/l	100
49) 1,4-Dioxane	9.18	88	28014	902.542	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	605493	258.359	ug/l	100
52) Toluene	10.14	92	243377	48.818	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	156099	50.010	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	163020	49.598	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	97032	49.889	ug/l	99
56) Ethyl methacrylate	10.42	69	145554	52.903	ug/l	99
57) 1,3-Dichloropropane	10.70	76	158418	49.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	336438	262.478	ug/l	99
59) 2-Hexanone	10.74	43	451616	249.459	ug/l	99
60) Dibromochloromethane	10.90	129	112810	50.544	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101910	49.984	ug/l	99
64) Tetrachloroethene	10.62	164	89285	43.071	ug/l	99
65) Chlorobenzene	11.43	112	263171	47.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	101022	48.067	ug/l	98
67) Ethyl Benzene	11.51	91	478017	47.705	ug/l	100
68) m/p-Xylenes	11.62	106	360143	95.764	ug/l	99
69) o-Xylene	11.94	106	175178	48.379	ug/l	99
70) Styrene	11.96	104	288012	49.325	ug/l	100
71) Bromoform	12.12	173	84684	50.096	ug/l #	98
73) Isopropylbenzene	12.25	105	476084	45.747	ug/l	100
74) N-amyl acetate	12.07	43	187966	50.088	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	145987	48.736	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	130472m	48.933	ug/l	
77) Bromobenzene	12.52	156	119326	46.202	ug/l	99
78) n-propylbenzene	12.59	91	547293	46.158	ug/l	100
79) 2-Chlorotoluene	12.67	91	318571	45.711	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	397857	45.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53020	48.688	ug/l	100
82) 4-Chlorotoluene	12.77	91	330344	46.201	ug/l	99
83) tert-Butylbenzene	12.99	119	342137	44.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	399803	46.807	ug/l	99
85) sec-Butylbenzene	13.17	105	460369	45.413	ug/l	100
86) p-Isopropyltoluene	13.29	119	425457	46.322	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	213578	46.718	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	212336	46.455	ug/l	99
89) n-Butylbenzene	13.61	91	371025	45.927	ug/l	100
90) Hexachloroethane	13.87	117	78019	45.469	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	208068	46.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30039	47.118	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
Data File : VN060217.D
Acq On : 24 Feb 2020 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/25/2020 9:42:53 AM

Quant Time: Feb 25 00:32:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128767	48.983	ug/l	98
94) Hexachlorobutadiene	15.01	225	66557	43.248	ug/l	99
95) Naphthalene	15.13	128	339634	47.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	123977	47.358	ug/l	99

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

