

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060053.D
 Acq On : 11 Feb 2020 9:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:02:58 PM

Quant Time: Feb 12 04:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	284065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	109463	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.57	113	90855	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.08	98	343032	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.40	95	133443	56.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	85986	39.663	ug/l	100
3) Chloromethane	2.04	50	89691	42.721	ug/l	99
4) Vinyl Chloride	2.17	62	117955	49.104	ug/l	96
5) Bromomethane	2.54	94	66901	45.636	ug/l	99
6) Chloroethane	2.69	64	54752	48.178	ug/l	97
7) Trichlorofluoromethane	3.00	101	141765	49.142	ug/l	97
8) Diethyl Ether	3.38	74	53140	52.489	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86150	53.656	ug/l	93
10) Methyl Iodide	3.93	142	108879	41.953	ug/l	95
11) Tert butyl alcohol	4.73	59	83720	244.203	ug/l	99
12) 1,1-Dichloroethene	3.72	96	77641	46.278	ug/l	92
13) Acrolein	3.58	56	48326	199.134	ug/l	99
14) Allyl chloride	4.29	41	117784	52.085	ug/l #	85
15) Acrylonitrile	4.94	53	219963	281.275	ug/l	99
16) Acetone	3.78	43	265176	387.275	ug/l	98
17) Carbon Disulfide	4.03	76	177731	37.188	ug/l	99
18) Methyl Acetate	4.29	43	134321	56.467	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	304207	55.613	ug/l	96
20) Methylene Chloride	4.52	84	93561	50.801	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	85959	48.200	ug/l	91
22) Diisopropyl ether	5.91	45	290116	56.611	ug/l	95
23) Vinyl Acetate	5.86	43	1105835	278.705	ug/l	96
24) 1,1-Dichloroethane	5.82	63	167783	53.582	ug/l	98
25) 2-Butanone	6.80	43	341229	295.887	ug/l	93
26) 2,2-Dichloropropane	6.79	77	164996	54.809	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	109378	53.323	ug/l	90
28) Bromochloromethane	7.17	49	73294	58.563	ug/l #	80
29) Tetrahydrofuran	7.18	42	188902	264.742	ug/l	89
30) Chloroform	7.35	83	182360	56.207	ug/l	99
31) Cyclohexane	7.63	56	134418	44.611	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	164576	54.862	ug/l	97
36) 1,1-Dichloropropene	7.77	75	126880	51.291	ug/l	97
37) Ethyl Acetate	6.90	43	124370	53.604	ug/l	98
38) Carbon Tetrachloride	7.75	117	144431	53.674	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060053.D
 Acq On : 11 Feb 2020 9:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:02:58 PM

Quant Time: Feb 12 04:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	151357	49.622	ug/l	93
40) Benzene	8.02	78	382520	51.849	ug/l	100
41) Methacrylonitrile	7.14	41	58650m	51.321	ug/l	
42) 1,2-Dichloroethane	8.10	62	142760	57.072	ug/l	97
43) Isopropyl Acetate	8.14	43	219576	55.021	ug/l	96
44) Trichloroethene	8.82	130	108319	53.783	ug/l	94
45) 1,2-Dichloropropane	9.10	63	103879	56.902	ug/l	99
46) Dibromomethane	9.19	93	70664	54.873	ug/l	93
47) Bromodichloromethane	9.39	83	151728	58.467	ug/l	99
48) Methyl methacrylate	9.18	41	97060	54.374	ug/l	92
49) 1,4-Dioxane	9.18	88	32162	984.210	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	654104	283.538	ug/l	96
52) Toluene	10.14	92	251999	54.077	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	170505	58.843	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	176352	57.842	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	105719	57.280	ug/l	97
56) Ethyl methacrylate	10.42	69	154931	54.937	ug/l	94
57) 1,3-Dichloropropane	10.70	76	171555	58.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	195005	229.570	ug/l	93
59) 2-Hexanone	10.74	43	521574	306.893	ug/l	95
60) Dibromochloromethane	10.89	129	124199	59.093	ug/l	98
61) 1,2-Dibromoethane	10.99	107	109270	56.486	ug/l	99
64) Tetrachloroethene	10.62	164	107123	49.908	ug/l	96
65) Chlorobenzene	11.43	112	283628	54.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115037	57.514	ug/l	98
67) Ethyl Benzene	11.51	91	508265	54.089	ug/l	98
68) m/p-Xylenes	11.62	106	381356	107.437	ug/l	95
69) o-Xylene	11.94	106	186243	53.594	ug/l	97
70) Styrene	11.96	104	316978	54.511	ug/l	98
71) Bromoform	12.12	173	95381	59.533	ug/l #	98
73) Isopropylbenzene	12.25	105	519050	52.171	ug/l	100
74) N-amyl acetate	12.07	43	200163	51.849	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	155809	54.021	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	130559m	57.188	ug/l	
77) Bromobenzene	12.52	156	129944	51.576	ug/l	85
78) n-propylbenzene	12.59	91	591171	52.940	ug/l	98
79) 2-Chlorotoluene	12.67	91	345921	52.072	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	436047	52.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	56908	53.531	ug/l	95
82) 4-Chlorotoluene	12.77	91	360406	54.090	ug/l	96
83) tert-Butylbenzene	12.99	119	376660	52.050	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	433690	52.392	ug/l	98
85) sec-Butylbenzene	13.17	105	515192	54.187	ug/l	99
86) p-Isopropyltoluene	13.29	119	474806	53.971	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	237876	54.354	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	234970	53.819	ug/l	98
89) n-Butylbenzene	13.61	91	430650	57.412	ug/l	99
90) Hexachloroethane	13.87	117	89875	54.602	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	230540	53.284	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33833	54.855	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
Data File : VN060053.D
Acq On : 11 Feb 2020 9:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:02:58 PM

Quant Time: Feb 12 04:26:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147165	56.607	ug/l	99
94) Hexachlorobutadiene	15.01	225	79781	55.688	ug/l	100
95) Naphthalene	15.13	128	391194	52.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140669	55.589	ug/l	99

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

