

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059938.D
 Acq On : 31 Jan 2020 10:54
 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
 2/4/2020 12:50:37 PM

Quant Time: Feb 03 01:57:27 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	185707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	283370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	101019	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.56	113	85182	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.08	98	324519	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	121463	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	96383	43.958	ug/l	95
3) Chloromethane	2.04	50	91907	43.228	ug/l	96
4) Vinyl Chloride	2.17	62	120120	49.379	ug/l	99
5) Bromomethane	2.54	94	72126	48.584	ug/l	96
6) Chloroethane	2.68	64	56726	49.289	ug/l	99
7) Trichlorofluoromethane	3.00	101	143942	49.271	ug/l	97
8) Diethyl Ether	3.38	74	52497	51.204	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85568	52.626	ug/l	93
10) Methyl Iodide	3.93	142	114565	43.590	ug/l	95
11) Tert butyl alcohol	4.72	59	69915	201.379	ug/l	99
12) 1,1-Dichloroethene	3.72	96	80559	47.415	ug/l	90
13) Acrolein	3.57	56	38107	155.056	ug/l	95
14) Allyl chloride	4.29	41	113011	49.348	ug/l #	85
15) Acrylonitrile	4.94	53	190765	240.881	ug/l	100
16) Acetone	3.78	43	234303	336.567	ug/l	96
17) Carbon Disulfide	4.03	76	199880	41.298	ug/l	100
18) Methyl Acetate	4.28	43	117656	48.842	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	281455	50.808	ug/l	95
20) Methylene Chloride	4.52	84	92301	49.454	ug/l	89
21) trans-1,2-Dichloroethene	5.00	96	86094	47.670	ug/l	88
22) Diisopropyl ether	5.91	45	265789	51.214	ug/l	95
23) Vinyl Acetate	5.85	43	1003340	249.703	ug/l	95
24) 1,1-Dichloroethane	5.82	63	159839	50.405	ug/l	97
25) 2-Butanone	6.79	43	289338	247.746	ug/l	92
26) 2,2-Dichloropropane	6.79	77	154633	50.723	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	104916	50.507	ug/l	89
28) Bromochloromethane	7.17	49	64724	51.067	ug/l #	78
29) Tetrahydrofuran	7.18	42	159885	221.266	ug/l	89
30) Chloroform	7.34	83	171808	52.291	ug/l	98
31) Cyclohexane	7.63	56	133012	43.591	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	154105	50.727	ug/l	97
36) 1,1-Dichloropropene	7.77	75	123667	50.114	ug/l	96
37) Ethyl Acetate	6.89	43	106234	45.900	ug/l	97
38) Carbon Tetrachloride	7.75	117	137583	51.254	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059938.D
 Acq On : 31 Jan 2020 10:54
 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
 2/4/2020 12:50:37 PM

Quant Time: Feb 03 01:57:27 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	9.06	83	144716	47.561	ug/l	92
40) Benzene	8.02	78	366160	49.753	ug/l	99
41) Methacrylonitrile	7.14	41	49525m	43.443	ug/l	
42) 1,2-Dichloroethane	8.10	62	133353	53.442	ug/l	97
43) Isopropyl Acetate	8.14	43	187920	47.204	ug/l #	95
44) Trichloroethene	8.81	130	107182	53.349	ug/l	93
45) 1,2-Dichloropropane	9.10	63	95448	52.412	ug/l	98
46) Dibromomethane	9.19	93	66298	51.608	ug/l	92
47) Bromodichloromethane	9.38	83	139637	53.940	ug/l	100
48) Methyl methacrylate	9.18	41	82996	46.609	ug/l	88
49) 1,4-Dioxane	9.18	88	28937	887.692	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	544150	236.454	ug/l	95
52) Toluene	10.14	92	239858	51.598	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	153797	53.207	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	165003	54.252	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	96099	52.196	ug/l	97
56) Ethyl methacrylate	10.42	69	138349	49.178	ug/l	93
57) 1,3-Dichloropropane	10.70	76	155402	53.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	260312	307.204	ug/l	92
59) 2-Hexanone	10.74	43	429040	253.066	ug/l	94
60) Dibromochloromethane	10.89	129	114618	54.668	ug/l	100
61) 1,2-Dibromoethane	10.99	107	99057	51.332	ug/l	99
64) Tetrachloroethene	10.62	164	107097	50.549	ug/l	97
65) Chlorobenzene	11.43	112	265738	52.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	104285	52.820	ug/l	99
67) Ethyl Benzene	11.50	91	476484	51.370	ug/l	98
68) m/p-Xylenes	11.61	106	359624	102.640	ug/l	95
69) o-Xylene	11.94	106	172653	50.333	ug/l	97
70) Styrene	11.96	104	293915	51.206	ug/l	97
71) Bromoform	12.12	173	84786	53.612	ug/l #	99
73) Isopropylbenzene	12.24	105	474405	49.607	ug/l	99
74) N-amyl acetate	12.06	43	170604	45.975	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	131855	47.560	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	107842m	49.143	ug/l	
77) Bromobenzene	12.52	156	120477	49.747	ug/l	83
78) n-propylbenzene	12.59	91	542808	50.570	ug/l	97
79) 2-Chlorotoluene	12.67	91	314849	49.307	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	402597	50.058	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	49867	48.800	ug/l	96
82) 4-Chlorotoluene	12.77	91	329714	51.479	ug/l	96
83) tert-Butylbenzene	12.99	119	343290	49.352	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	398430	50.074	ug/l	98
85) sec-Butylbenzene	13.17	105	463070	50.670	ug/l	100
86) p-Isopropyltoluene	13.28	119	430113	50.863	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	218955	52.048	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	218113	51.973	ug/l	98
89) n-Butylbenzene	13.61	91	380751	52.807	ug/l	99
90) Hexachloroethane	13.87	117	80071	50.608	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	211248	50.795	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26975	45.128	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
Data File : VN059938.D
Acq On : 31 Jan 2020 10:54
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
2/4/2020 12:50:37 PM

Quant Time: Feb 03 01:57:27 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	130832	52.354	ug/l	98
94) Hexachlorobutadiene	15.01	225	69684	50.602	ug/l	99
95) Naphthalene	15.13	128	325324	45.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122557	50.385	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059938.D
 Acq On : 31 Jan 2020 10:54
 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
 2/4/2020 12:50:37 PM

Quant Time: Feb 03 01:57:27 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

