

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050233.D
 Acq On : 1 Aug 2018 8:09
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:53:36 AM

Quant Time: Aug 02 00:58:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	658598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	424531	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
35) Dibromofluoromethane	7.59	113	384333	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.09	98	1432410	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	501384	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	433704	45.832	ug/l	99
3) Chloromethane	2.06	50	446018	43.360	ug/l	99
4) Vinyl Chloride	2.18	62	455332	42.034	ug/l	99
5) Bromomethane	2.55	94	231577	38.264	ug/l	98
6) Chloroethane	2.70	64	269457	41.420	ug/l	100
7) Trichlorofluoromethane	3.01	101	610224	43.486	ug/l	100
8) Diethyl Ether	3.41	74	209841	44.855	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	386027	45.746	ug/l	99
10) Methyl Iodide	3.95	142	269264	24.862	ug/l	99
11) Tert butyl alcohol	4.79	59	145020	214.492	ug/l	100
12) 1,1-Dichloroethene	3.73	96	331113	43.621	ug/l	97
13) Acrolein	3.61	56	65696	120.939	ug/l	98
14) Allyl chloride	4.32	41	539322	45.821	ug/l	99
15) Acrylonitrile	4.99	53	675950	229.153	ug/l	98
16) Acetone	3.82	43	580586	268.560	ug/l	99
17) Carbon Disulfide	4.05	76	928293	39.919	ug/l	100
18) Methyl Acetate	4.33	43	451082	53.702	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	954636	47.192	ug/l	99
20) Methylene Chloride	4.55	84	396750	48.663	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	361167	44.903	ug/l	99
22) Diisopropyl ether	5.95	45	1167143	50.010	ug/l	99
23) Vinyl Acetate	5.90	43	3796951	230.219	ug/l	99
24) 1,1-Dichloroethane	5.85	63	688161	45.092	ug/l	99
25) 2-Butanone	6.84	43	843489	240.658	ug/l	99
26) 2,2-Dichloropropane	6.82	77	579530	49.917	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	406708	46.973	ug/l	98
28) Bromochloromethane	7.20	49	325596	46.776	ug/l	100
29) Tetrahydrofuran	7.21	42	510779	225.525	ug/l	99
30) Chloroform	7.37	83	703273	45.159	ug/l	99
31) Cyclohexane	7.65	56	570203	45.046	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	601808	45.176	ug/l	100
36) 1,1-Dichloropropene	7.79	75	524344	49.966	ug/l	99
37) Ethyl Acetate	6.93	43	336736	46.024	ug/l	99
38) Carbon Tetrachloride	7.77	117	534966	48.043	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050233.D
 Acq On : 1 Aug 2018 8:09
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:53:36 AM

Quant Time: Aug 02 00:58:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	562136	52.070	ug/l	98
40) Benzene	8.04	78	1574448	49.304	ug/l	99
41) Methacrylonitrile	7.17	41	153019	40.696	ug/l	97
42) 1,2-Dichloroethane	8.12	62	503280	47.241	ug/l	100
43) Isopropyl Acetate	8.17	43	636562	46.079	ug/l	99
44) Trichloroethene	8.84	130	411065	47.906	ug/l	100
45) 1,2-Dichloropropane	9.12	63	421463	49.830	ug/l	100
46) Dibromomethane	9.21	93	255795	48.705	ug/l	99
47) Bromodichloromethane	9.40	83	548083	49.446	ug/l	98
48) Methyl methacrylate	9.20	41	312919	49.660	ug/l	98
49) 1,4-Dioxane	9.20	88	88900	1036.700	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1804602	250.899	ug/l	100
52) Toluene	10.16	92	985328	52.273	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	559607	53.502	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	628859	52.607	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	372049	49.761	ug/l	99
56) Ethyl methacrylate	10.43	69	472439	46.782	ug/l	98
57) 1,3-Dichloropropane	10.71	76	615268	50.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1029273	218.629	ug/l	100
59) 2-Hexanone	10.75	43	1285646	243.395	ug/l	99
60) Dibromochloromethane	10.90	129	426312	51.500	ug/l	100
61) 1,2-Dibromoethane	11.01	107	366975	49.469	ug/l	99
64) Tetrachloroethene	10.63	164	385598	46.318	ug/l	99
65) Chlorobenzene	11.43	112	1083750	49.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	413951	49.256	ug/l	100
67) Ethyl Benzene	11.51	91	1872671	53.299	ug/l	100
68) m/p-Xylenes	11.62	106	1454312	109.431	ug/l	100
69) o-Xylene	11.95	106	691177	54.557	ug/l	100
70) Styrene	11.97	104	1147162	50.896	ug/l	100
71) Bromoform	12.13	173	303788	49.692	ug/l #	99
73) Isopropylbenzene	12.25	105	1868115	50.494	ug/l	100
74) N-amyl acetate	12.07	43	534002	47.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	490361	49.611	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	409266m	46.164	ug/l	
77) Bromobenzene	12.53	156	485527	47.351	ug/l	99
78) n-propylbenzene	12.59	91	2199025	53.177	ug/l	100
79) 2-Chlorotoluene	12.68	91	1292456	50.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1556405	53.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	137092	49.048	ug/l	98
82) 4-Chlorotoluene	12.77	91	1321966	52.083	ug/l	99
83) tert-Butylbenzene	12.99	119	1349334	53.131	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1584719	54.026	ug/l	100
85) sec-Butylbenzene	13.17	105	1823989	53.752	ug/l	100
86) p-Isopropyltoluene	13.29	119	1598744	55.914	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	862821	49.637	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	840375	49.602	ug/l	99
89) n-Butylbenzene	13.62	91	1313147	55.849	ug/l	99
90) Hexachloroethane	13.88	117	297803	46.906	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	839527	48.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	74246	44.958	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
Data File : VN050233.D
Acq On : 1 Aug 2018 8:09
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:53:36 AM

Quant Time: Aug 02 00:58:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	422891	46.144	ug/l	97
94) Hexachlorobutadiene	15.01	225	267450	50.277	ug/l	98
95) Naphthalene	15.14	128	892507	41.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	421379	47.082	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
Data File : VN050233.D
Acq On : 1 Aug 2018 8:09
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:53:36 AM

Quant Time: Aug 02 00:58:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

