

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050476.D
 Acq On : 9 Aug 2018 11:07
 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
 8/10/2018 10:52:19 AM

Quant Time: Aug 10 04:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	774328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1112020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1051243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	561774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	468717	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	7.59	113	432066	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1630783	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	581615	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	378345	44.02	ug/l	99
3) Chloromethane	2.06	50	455659	44.71	ug/l	99
4) Vinyl Chloride	2.18	62	484904	43.58	ug/l	99
5) Bromomethane	2.54	94	227217	42.15	ug/l	100
6) Chloroethane	2.69	64	305785	44.61	ug/l	100
7) Trichlorofluoromethane	3.00	101	638787	44.46	ug/l	100
8) Diethyl Ether	3.41	74	243293	46.17	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	405665	45.68	ug/l	99
10) Methyl Iodide	3.94	142	177025	45.25	ug/l	96
11) Tert butyl alcohol	4.80	59	152211	183.14	ug/l	100
12) 1,1-Dichloroethene	3.73	96	369467	44.14	ug/l	98
13) Acrolein	3.60	56	137233	134.31	ug/l	97
14) Allyl chloride	4.32	41	586071	43.59	ug/l	98
15) Acrylonitrile	4.99	53	741470	212.99	ug/l	99
16) Acetone	3.82	43	648006	209.97	ug/l	99
17) Carbon Disulfide	4.05	76	1081204	39.72	ug/l	100
18) Methyl Acetate	4.32	43	371438	46.32	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	1107891	46.63	ug/l	100
20) Methylene Chloride	4.55	84	439981	46.52	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	401708	44.34	ug/l	98
22) Diisopropyl ether	5.95	45	1297677	47.25	ug/l	98
23) Vinyl Acetate	5.90	43	4476317	228.45	ug/l	99
24) 1,1-Dichloroethane	5.85	63	746264	44.29	ug/l	99
25) 2-Butanone	6.84	43	1072736	209.25	ug/l	97
26) 2,2-Dichloropropane	6.82	77	617225	44.43	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	470474	46.86	ug/l	98
28) Bromochloromethane	7.19	49	355443	45.82	ug/l	95
29) Tetrahydrofuran	7.21	42	549142	200.12	ug/l	98
30) Chloroform	7.37	83	769683	45.69	ug/l	99
31) Cyclohexane	7.65	56	655169	44.10	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	655951	45.34	ug/l	99
36) 1,1-Dichloropropene	7.79	75	581206	47.57	ug/l	100
37) Ethyl Acetate	6.93	43	377175	42.87	ug/l	99
38) Carbon Tetrachloride	7.77	117	580796	45.57	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050476.D
 Acq On : 9 Aug 2018 11:07
 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
 8/10/2018 10:52:19 AM

Quant Time: Aug 10 04:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	644318	48.31	ug/l	98
40) Benzene	8.04	78	1758565	46.82	ug/l	99
41) Methacrylonitrile	7.18	41	205169	43.85	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	559641	46.93	ug/l	99
43) Isopropyl Acetate	8.17	43	674756	44.42	ug/l	96
44) Trichloroethene	8.83	130	478974	47.45	ug/l	99
45) 1,2-Dichloropropane	9.12	63	464517	47.04	ug/l	98
46) Dibromomethane	9.21	93	286467	46.97	ug/l	97
47) Bromodichloromethane	9.40	83	600387	47.53	ug/l	99
48) Methyl methacrylate	9.20	41	349205	45.87	ug/l	98
49) 1,4-Dioxane	9.20	88	100654	857.74	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	2356481	215.42	ug/l	98
52) Toluene	10.16	92	1123408	49.79	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	633546	49.95	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	708037	50.02	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	414824	47.09	ug/l	99
56) Ethyl methacrylate	10.43	69	547561	44.13	ug/l	97
57) 1,3-Dichloropropane	10.71	76	697231	48.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1279088	221.02	ug/l	98
59) 2-Hexanone	10.75	43	1624559	212.80	ug/l	98
60) Dibromochloromethane	10.90	129	473661	48.81	ug/l	98
61) 1,2-Dibromoethane	11.01	107	418599	48.21	ug/l	98
64) Tetrachloroethene	10.63	164	471091	47.96	ug/l	99
65) Chlorobenzene	11.43	112	1255333	47.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	462778	48.25	ug/l	100
67) Ethyl Benzene	11.51	91	2134908	50.11	ug/l	100
68) m/p-Xylenes	11.62	106	1672486	103.12	ug/l	99
69) o-Xylene	11.95	106	809702	51.83	ug/l	98
70) Styrene	11.96	104	1338045	52.67	ug/l	99
71) Bromoform	12.13	173	333308	47.55	ug/l #	99
73) Isopropylbenzene	12.25	105	2108497	50.00	ug/l	99
74) N-amyl acetate	12.07	43	588861	43.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	534104	43.90	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	434904m	42.77	ug/l	
77) Bromobenzene	12.53	156	562389	49.78	ug/l	97
78) n-propylbenzene	12.59	91	2416629	50.63	ug/l	99
79) 2-Chlorotoluene	12.68	91	1455406	49.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1754569	51.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	129624	44.79	ug/l	97
82) 4-Chlorotoluene	12.77	91	1484066	50.48	ug/l	99
83) tert-Butylbenzene	12.99	119	1520904	50.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1797702	51.84	ug/l	99
85) sec-Butylbenzene	13.17	105	1997336	50.18	ug/l	99
86) p-Isopropyltoluene	13.29	119	1754720	51.44	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	986273	49.01	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	964817	48.02	ug/l	100
89) n-Butylbenzene	13.62	91	1457246	50.18	ug/l	99
90) Hexachloroethane	13.88	117	262449	43.27	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	951139	47.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76887	37.22	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
Data File : VN050476.D
Acq On : 9 Aug 2018 11:07
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
8/10/2018 10:52:19 AM

Quant Time: Aug 10 04:19:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	486280	47.33	ug/l	98
94) Hexachlorobutadiene	15.01	225	299122	53.41	ug/l	99
95) Naphthalene	15.13	128	1027940	38.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	449067	43.23	ug/l	100

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

