

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049545.D
 Acq On : 26 Jun 2018 11:31
 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
 6/27/2018 5:29:43 PM

Quant Time: Jun 27 01:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1709818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2562007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2296815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1256991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	1046957	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
35) Dibromofluoromethane	7.59	113	915905	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
50) Toluene-d8	10.09	98	3655383	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	12.40	95	1275616	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	787373	40.01	ug/l	99
3) Chloromethane	2.05	50	1008783	39.70	ug/l	98
4) Vinyl Chloride	2.18	62	1117521	41.38	ug/l	100
5) Bromomethane	2.56	94	538808	37.95	ug/l	96
6) Chloroethane	2.70	64	700573	43.50	ug/l	98
7) Trichlorofluoromethane	3.02	101	1367751	40.59	ug/l	100
8) Diethyl Ether	3.40	74	547560	46.55	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	993389	46.49	ug/l	92
10) Methyl Iodide	3.94	142	1050209	47.21	ug/l	91
11) Tert butyl alcohol	4.78	59	295145	221.74	ug/l	97
12) 1,1-Dichloroethene	3.73	96	903052	46.06	ug/l	89
13) Acrolein	3.60	56	247112	177.04	ug/l	99
14) Allyl chloride	4.32	41	1267264	40.94	ug/l	89
15) Acrylonitrile	4.99	53	1513166	227.35	ug/l	99
16) Acetone	3.81	43	938597	170.46	ug/l	93
17) Carbon Disulfide	4.05	76	2503415	40.74	ug/l	99
18) Methyl Acetate	4.32	43	1347748	80.27	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	2489606	49.81	ug/l	98
20) Methylene Chloride	4.55	84	1108262	48.19	ug/l	91
21) trans-1,2-Dichloroethene	5.03	96	962080	46.35	ug/l	93
22) Diisopropyl ether	5.95	45	3157680	51.08	ug/l	97
23) Vinyl Acetate	5.89	43	9662183	239.77	ug/l	96
24) 1,1-Dichloroethane	5.84	63	1868037	47.21	ug/l	98
25) 2-Butanone	6.83	43	1566572	211.88	ug/l	95
26) 2,2-Dichloropropane	6.82	77	1561310	48.86	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	1125291	48.77	ug/l	92
28) Bromochloromethane	7.19	49	835927	47.66	ug/l #	83
29) Tetrahydrofuran	7.21	42	1103179	231.79	ug/l	94
30) Chloroform	7.37	83	1880168	47.75	ug/l	99
31) Cyclohexane	7.65	56	1663501	49.60	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1610690	47.94	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1452724	49.47	ug/l	98
37) Ethyl Acetate	6.92	43	772555	48.40	ug/l	96
38) Carbon Tetrachloride	7.77	117	1393481	45.84	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049545.D
 Acq On : 26 Jun 2018 11:31
 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
 6/27/2018 5:29:43 PM

Quant Time: Jun 27 01:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	1639550	52.02	ug/l	96
40) Benzene	8.04	78	4281431	47.56	ug/l	98
41) Methacrylonitrile	7.17	41	436398	50.57	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1306590	46.98	ug/l	96
43) Isopropyl Acetate	8.16	43	2536944	83.18	ug/l #	96
44) Trichloroethene	8.83	130	1260283	53.01	ug/l	94
45) 1,2-Dichloropropane	9.12	63	1137595	48.26	ug/l	100
46) Dibromomethane	9.21	93	643365	47.07	ug/l	92
47) Bromodichloromethane	9.40	83	1437753	47.87	ug/l	97
48) Methyl methacrylate	9.20	41	730420	50.86	ug/l	87
49) 1,4-Dioxane	9.20	88	177827	897.08	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3787459	236.94	ug/l	94
52) Toluene	10.16	92	2662528	50.39	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1446734	50.35	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1700119	50.11	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	916375	46.52	ug/l	98
56) Ethyl methacrylate	10.43	69	1163103	51.19	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1554613	47.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	3098057	373.83	ug/l	94
59) 2-Hexanone	10.75	43	2429047	235.70	ug/l	93
60) Dibromochloromethane	10.90	129	1039624	47.29	ug/l	99
61) 1,2-Dibromoethane	11.01	107	902853	49.31	ug/l	99
64) Tetrachloroethene	10.63	164	1415467	60.14	ug/l	98
65) Chlorobenzene	11.43	112	2939334	49.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1062217	47.71	ug/l	99
67) Ethyl Benzene	11.51	91	5114477	52.11	ug/l	99
68) m/p-Xylenes	11.62	106	3947332	107.17	ug/l	97
69) o-Xylene	11.95	106	1896616	53.46	ug/l	96
70) Styrene	11.96	104	3075203	54.95	ug/l	97
71) Bromoform	12.13	173	667462	46.31	ug/l #	99
73) Isopropylbenzene	12.25	105	5019486	45.48	ug/l	98
74) N-amyl acetate	12.07	43	1357829	50.23	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	993333	43.46	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	893549m	41.66	ug/l	
77) Bromobenzene	12.53	156	1257046	43.12	ug/l	91
78) n-propylbenzene	12.59	91	5877684	48.50	ug/l	98
79) 2-Chlorotoluene	12.68	91	3459731	45.06	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	4266769	49.19	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	308033	45.39	ug/l #	72
82) 4-Chlorotoluene	12.77	91	3591095	48.48	ug/l	97
83) tert-Butylbenzene	12.99	119	3547157	46.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4380440	50.83	ug/l	98
85) sec-Butylbenzene	13.17	105	4859107	47.50	ug/l	99
86) p-Isopropyltoluene	13.29	119	4355471	50.96	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	2338218	48.76	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2291374	48.21	ug/l	99
89) n-Butylbenzene	13.62	91	3762736	56.37	ug/l	97
90) Hexachloroethane	13.88	117	475638	28.68	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	2227523	47.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	161869	42.13	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
Data File : VN049545.D
Acq On : 26 Jun 2018 11:31
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
6/27/2018 5:29:43 PM

Quant Time: Jun 27 01:10:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1320735	60.20	ug/l	99
94) Hexachlorobutadiene	15.01	225	712256	51.87	ug/l	99
95) Naphthalene	15.14	128	2772953	68.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1201323	56.52	ug/l	99

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

