

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050380.D
 Acq On : 6 Aug 2018 13:14
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:58:23 AM

Quant Time: Aug 06 13:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 06 12:50:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	702610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1023118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	988740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	558732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1334825	136.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.32%	
35) Dibromofluoromethane	7.59	113	1184338	141.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.56%	
50) Toluene-d8	10.09	98	4609837	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	
62) 4-Bromofluorobenzene	12.40	95	1675437	165.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1104292	109.39	ug/l	99
3) Chloromethane	2.06	50	1345678	122.63	ug/l	99
4) Vinyl Chloride	2.18	62	1443931	124.95	ug/l	98
5) Bromomethane	2.53	94	743839m	104.64	ug/l	
6) Chloroethane	2.68	64	863137	124.37	ug/l	98
7) Trichlorofluoromethane	3.00	101	1812741	121.09	ug/l	99
8) Diethyl Ether	3.41	74	713064	142.88	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1128393	125.34	ug/l	99
10) Methyl Iodide	3.95	142	737903	63.86	ug/l	98
11) Tert butyl alcohol	4.80	59	598888	830.30	ug/l	99
12) 1,1-Dichloroethene	3.73	96	1088840	134.46	ug/l	97
13) Acrolein	3.60	56	762299	1315.40	ug/l	98
14) Allyl chloride	4.32	41	1795784	143.01	ug/l	97
15) Acrylonitrile	4.99	53	2448820	778.17	ug/l	99
16) Acetone	3.82	43	2090172	817.60	ug/l	100
17) Carbon Disulfide	4.05	76	3379767	136.23	ug/l	100
18) Methyl Acetate	4.33	43	1096120	93.67	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	3309293	153.35	ug/l	100
20) Methylene Chloride	4.55	84	1258681	127.92	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1176796	137.14	ug/l	99
22) Diisopropyl ether	5.96	45	3790959	152.26	ug/l	96
23) Vinyl Acetate	5.90	43	14042862	798.12	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2174965	133.59	ug/l	100
25) 2-Butanone	6.84	43	3631274	971.15	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1729889	139.67	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1345480	145.66	ug/l	100
28) Bromochloromethane	7.20	49	935892	126.03	ug/l	100
29) Tetrahydrofuran	7.22	42	1918037	793.82	ug/l	99
30) Chloroform	7.37	83	2183675	131.44	ug/l	99
31) Cyclohexane	7.65	56	1995668	127.69	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1894385	133.30	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1711264	148.46	ug/l	100
37) Ethyl Acetate	6.93	43	1271869	158.26	ug/l	99
38) Carbon Tetrachloride	7.78	117	1689447	138.13	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050380.D
 Acq On : 6 Aug 2018 13:14
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:58:23 AM

Quant Time: Aug 06 13:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 06 12:50:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1958392	165.15	ug/l	98
40) Benzene	8.04	78	5123272	146.06	ug/l	100
41) Methacrylonitrile	7.18	41	686715	182.15	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	1600957	136.81	ug/l	100
43) Isopropyl Acetate	8.17	43	2190006	112.58	ug/l #	87
44) Trichloroethene	8.84	130	1354723	143.74	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1332403	143.42	ug/l	98
46) Dibromomethane	9.21	93	827645	143.47	ug/l	99
47) Bromodichloromethane	9.40	83	1721310	141.38	ug/l	100
48) Methyl methacrylate	9.20	41	1112910	160.79	ug/l	98
49) 1,4-Dioxane	9.20	88	344476	3657.17	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	8033229	1016.82	ug/l	99
52) Toluene	10.16	92	3224366	155.73	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1911193	166.35	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2085193	158.81	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1198852	145.98	ug/l	99
56) Ethyl methacrylate	10.43	69	1765957	181.99	ug/l	98
57) 1,3-Dichloropropane	10.71	76	2027885	151.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	4100083	907.92	ug/l	100
59) 2-Hexanone	10.75	43	5732459	1099.59	ug/l	98
60) Dibromochloromethane	10.90	129	1380802	151.86	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1253336	153.82	ug/l	98
64) Tetrachloroethene	10.63	164	1295655	136.30	ug/l	99
65) Chlorobenzene	11.44	112	3578757	143.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1313119	136.84	ug/l	99
67) Ethyl Benzene	11.51	91	6288577	156.75	ug/l	100
68) m/p-Xylenes	11.62	106	4820185	317.64	ug/l	99
69) o-Xylene	11.95	106	2340496	161.79	ug/l	99
70) Styrene	11.97	104	3934876	172.00	ug/l	99
71) Bromoform	12.13	173	1053099	150.86	ug/l	99
73) Isopropylbenzene	12.25	105	6186465	142.77	ug/l	100
74) N-amyl acetate	12.07	43	2110981	159.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1645882	124.19	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1472218m	141.78	ug/l	
77) Bromobenzene	12.53	156	1620165	134.90	ug/l	99
78) n-propylbenzene	12.59	91	7200127	148.66	ug/l	100
79) 2-Chlorotoluene	12.68	91	4242944	141.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5181817	152.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	509223	155.55	ug/l	95
82) 4-Chlorotoluene	12.78	91	4358822	146.62	ug/l	99
83) tert-Butylbenzene	12.99	119	4434459	149.08	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5335017	155.29	ug/l	99
85) sec-Butylbenzene	13.17	105	5959976	149.96	ug/l	100
86) p-Isopropyltoluene	13.29	119	5312300	158.62	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2911105	142.98	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2876402	144.95	ug/l	100
89) n-Butylbenzene	13.62	91	4560835	165.61	ug/l	99
90) Hexachloroethane	13.88	117	888998	119.55	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2795706	137.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	290866	136.54	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050380.D
Acq On : 6 Aug 2018 13:14
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
8/7/2018 9:58:23 AM

Quant Time: Aug 06 13:34:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1739683	193.67	ug/l	98
94) Hexachlorobutadiene	15.01	225	812845	130.46	ug/l	99
95) Naphthalene	15.14	128	4377725	215.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1644035	180.82	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050380.D
Acq On : 6 Aug 2018 13:14
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
8/7/2018 9:58:23 AM

Quant Time: Aug 06 13:34:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 06 12:50:03 2018
Response via : Initial Calibration

