

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010334.D
 Acq On : 09 May 2019 13:02
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:27 AM

Quant Time: May 09 13:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1375953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2167354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1932264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	939619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1388732	81.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.58%	
35) Dibromofluoromethane	7.88	113	1211751	87.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.88%	
50) Toluene-d8	10.32	98	5036520	97.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.08%	
62) 4-Bromofluorobenzene	12.62	95	1787418	95.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1045060	99.611	ug/l	100
3) Chloromethane	2.21	50	1391150	132.596	ug/l	98
4) Vinyl Chloride	2.37	62	1702237	139.580	ug/l	97
5) Bromomethane	2.77	94	956490	116.705	ug/l	99
6) Chloroethane	2.92	64	1019403	127.931	ug/l	94
7) Trichlorofluoromethane	3.25	101	906049	107.454	ug/l	95
8) Diethyl Ether	3.67	74	729673	104.032	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	1373296	96.790	ug/l	98
10) Methyl Iodide	4.26	142	1984012	101.186	ug/l	94
11) Tert butyl alcohol	5.18	59	499588	516.533	ug/l	98
12) 1,1-Dichloroethene	4.03	96	1467662	107.897	ug/l	95
13) Acrolein	3.89	56	646601	635.466	ug/l	98
14) Allyl chloride	4.65	41	2231120	92.258	ug/l	90
15) Acrylonitrile	5.36	53	2066709	572.564	ug/l	98
16) Acetone	4.12	43	1868126	474.178	ug/l	94
17) Carbon Disulfide	4.37	76	4491305	120.369	ug/l	100
18) Methyl Acetate	4.66	43	875692	96.039	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	1785358	101.051	ug/l	99
20) Methylene Chloride	4.91	84	1421331	78.418	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	1570773	106.639	ug/l	96
22) Diisopropyl ether	6.31	45	4299971	87.658	ug/l	95
23) Vinyl Acetate	6.25	43	15357830	497.336	ug/l	95
24) 1,1-Dichloroethane	6.21	63	2828779	96.465	ug/l	99
25) 2-Butanone	7.17	43	2943684	568.799	ug/l	97
26) 2,2-Dichloropropane	7.16	77	1387359	85.513	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	1650994	101.915	ug/l	96
28) Bromochloromethane	7.51	49	1009740	84.257	ug/l	100
29) Tetrahydrofuran	7.52	42	1894666	577.780	ug/l	96
30) Chloroform	7.67	83	2628979	89.471	ug/l	98
31) Cyclohexane	7.95	56	2851748	103.851	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	2039577	88.418	ug/l	98
36) 1,1-Dichloropropene	8.08	75	2306349	104.175	ug/l	100
37) Ethyl Acetate	7.25	43	1239098	110.143	ug/l	97
38) Carbon Tetrachloride	8.07	117	1975308	91.420	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010334.D
 Acq On : 09 May 2019 13:02
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:27 AM

Quant Time: May 09 13:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	3008861	120.776	ug/l	97
40) Benzene	8.32	78	6268484	103.553	ug/l	99
41) Methacrylonitrile	7.48	41	735839	114.766	ug/l	95
42) 1,2-Dichloroethane	8.40	62	1772902	85.222	ug/l	97
43) Isopropyl Acetate	8.43	43	2149199	101.949	ug/l	99
44) Trichloroethene	9.09	130	1591515	103.513	ug/l	97
45) 1,2-Dichloropropane	9.37	63	1572775	98.845	ug/l	98
46) Dibromomethane	9.46	93	796653	96.601	ug/l	98
47) Bromodichloromethane	9.65	83	1962466	92.184	ug/l	99
48) Methyl methacrylate	9.43	41	1034689	100.829	ug/l	86
49) 1,4-Dioxane	9.45	88	298170	2366.228	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	6077807	550.459	ug/l	93
52) Toluene	10.39	92	3919840	103.953	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	2087711	98.913	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	2448751	101.604	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	1130684	98.231	ug/l	98
56) Ethyl methacrylate	10.65	69	1707282	119.312	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	2064413	100.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	3937719	597.546	ug/l	100
59) 2-Hexanone	10.97	43	4386029	570.654	ug/l	91
60) Dibromochloromethane	11.13	129	1274873	95.828	ug/l	100
61) 1,2-Dibromoethane	11.24	107	1113043	101.651	ug/l	98
64) Tetrachloroethene	10.86	164	1343563	107.111	ug/l	98
65) Chlorobenzene	11.66	112	3918005	99.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	1348988	95.383	ug/l	98
67) Ethyl Benzene	11.73	91	7478527	105.987	ug/l	97
68) m/p-Xylenes	11.84	106	5579852	211.551	ug/l	96
69) o-Xylene	12.16	106	2595254	108.062	ug/l	97
70) Styrene	12.18	104	4513008	108.987	ug/l	98
71) Bromoform	12.35	173	780024	104.302	ug/l #	98
73) Isopropylbenzene	12.46	105	7245631	110.797	ug/l	99
74) N-amyl acetate	12.27	43	1944546	107.374	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	1476179	114.255	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	1081646m	115.018	ug/l	
77) Bromobenzene	12.75	156	1566572	104.160	ug/l	98
78) n-propylbenzene	12.80	91	8750489	107.964	ug/l	99
79) 2-Chlorotoluene	12.90	91	4920439	105.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	6027798	108.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	520334	130.466	ug/l	90
82) 4-Chlorotoluene	12.99	91	5109817	104.156	ug/l	100
83) tert-Butylbenzene	13.21	119	5295020	115.317	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	5954716	105.924	ug/l	99
85) sec-Butylbenzene	13.38	105	7448669	108.553	ug/l	99
86) p-Isopropyltoluene	13.50	119	6663835	110.182	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	3076665	101.197	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2993292	98.637	ug/l	99
89) n-Butylbenzene	13.83	91	6682129	111.518	ug/l	97
90) Hexachloroethane	14.10	117	1210964	104.539	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	2699143	99.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	269323	116.482	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010334.D
Acq On : 09 May 2019 13:02
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
5/10/2019 10:07:27 AM

Quant Time: May 09 13:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:10:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1952271	108.555	ug/l	99
94) Hexachlorobutadiene	15.24	225	1219574	111.673	ug/l	100
95) Naphthalene	15.37	128	4254850	131.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	1754554	112.450	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010334.D
 Acq On : 09 May 2019 13:02
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:27 AM

Quant Time: May 09 13:29:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

