

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010422.D
 Acq On : 17 May 2019 19:16
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:16:14 PM

Quant Time: May 17 23:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:21:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	867777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1526877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1385276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	611683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1358672	152.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.48%	
35) Dibromofluoromethane	7.88	113	1356778	149.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.34%	
50) Toluene-d8	10.32	98	5195206	150.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.80%	
62) 4-Bromofluorobenzene	12.62	95	1946589	143.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	864536	158.132	ug/l	99
3) Chloromethane	2.21	50	1284069	171.062	ug/l	99
4) Vinyl Chloride	2.35	62	1374288	145.604	ug/l	96
5) Bromomethane	2.74	94	717103	119.027	ug/l	99
6) Chloroethane	2.89	64	873807	154.939	ug/l	93
7) Trichlorofluoromethane	3.25	101	1871224	287.048	ug/l	98
8) Diethyl Ether	3.68	74	702760	154.384	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	1244632	154.273	ug/l	99
10) Methyl Iodide	4.26	142	1499072	120.433	ug/l	98
11) Tert butyl alcohol	5.18	59	571447	779.542	ug/l	100
12) 1,1-Dichloroethene	4.03	96	1160500	137.712	ug/l	98
13) Acrolein	3.89	56	367188	791.403	ug/l	98
14) Allyl chloride	4.67	41	1796114	164.372	ug/l	99
15) Acrylonitrile	5.37	53	1502175	748.482	ug/l	99
16) Acetone	4.13	43	1104063	689.953	ug/l	99
17) Carbon Disulfide	4.37	76	3297012	143.838	ug/l	99
18) Methyl Acetate	4.67	43	700774	137.114	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	3398788	246.563	ug/l	100
20) Methylene Chloride	4.91	84	1239912	132.576	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	1365507	145.403	ug/l	99
22) Diisopropyl ether	6.31	45	4044931	155.272	ug/l	98
23) Vinyl Acetate	6.26	43	12721039	717.333	ug/l	99
24) 1,1-Dichloroethane	6.21	63	2287817	144.012	ug/l	99
25) 2-Butanone	7.17	43	2000803	667.418	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1932941	213.764	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	1536987	141.835	ug/l	99
28) Bromochloromethane	7.51	49	941718	142.918	ug/l	99
29) Tetrahydrofuran	7.53	42	1350640	672.571	ug/l	98
30) Chloroform	7.68	83	2388784	143.119	ug/l	99
31) Cyclohexane	7.95	56	2065664	133.705	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	2205655	163.887	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1806009	137.460	ug/l	99
37) Ethyl Acetate	7.25	43	906085	137.539	ug/l	99
38) Carbon Tetrachloride	8.07	117	1961034	145.534	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010422.D
 Acq On : 17 May 2019 19:16
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:16:14 PM

Quant Time: May 17 23:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:21:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	2394995	137.607	ug/l	99
40) Benzene	8.32	78	5229145	136.823	ug/l	99
41) Methacrylonitrile	7.48	41	529549	132.299	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	1559378	139.926	ug/l	100
43) Isopropyl Acetate	8.43	43	1865510	137.449	ug/l	99
44) Trichloroethene	9.09	130	1527061	139.904	ug/l	100
45) 1,2-Dichloropropane	9.37	63	1297952	136.890	ug/l	99
46) Dibromomethane	9.46	93	762424	138.094	ug/l	98
47) Bromodichloromethane	9.65	83	1924177	142.118	ug/l	98
48) Methyl methacrylate	9.44	41	846734	135.734	ug/l	98
49) 1,4-Dioxane	9.45	88	218828	2267.773	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	4776282	679.769	ug/l	99
52) Toluene	10.39	92	3517743	138.115	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1972058	138.278	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	2224185	137.947	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	1111935	139.281	ug/l	99
56) Ethyl methacrylate	10.65	69	1598483	141.013	ug/l	100
57) 1,3-Dichloropropane	10.93	76	1858999	139.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	3804857	765.795	ug/l	98
59) 2-Hexanone	10.97	43	3269125	659.633	ug/l	99
60) Dibromochloromethane	11.13	129	1411793	141.575	ug/l	100
61) 1,2-Dibromoethane	11.24	107	1123237	139.428	ug/l	99
64) Tetrachloroethene	10.86	164	1249984	136.510	ug/l	99
65) Chlorobenzene	11.66	112	3825840	139.186	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	1413197	138.838	ug/l	99
67) Ethyl Benzene	11.73	91	6614657	135.504	ug/l	100
68) m/p-Xylenes	11.84	106	5176541	271.013	ug/l	99
69) o-Xylene	12.17	106	2520157	136.896	ug/l	98
70) Styrene	12.18	104	4381674	136.923	ug/l	99
71) Bromoform	12.35	173	823941	139.595	ug/l #	98
73) Isopropylbenzene	12.46	105	6578990	147.426	ug/l	100
74) N-amyl acetate	12.27	43	1858892	150.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	1315103	149.951	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	902296m	135.564	ug/l	
77) Bromobenzene	12.75	156	1530714	148.670	ug/l	99
78) n-propylbenzene	12.80	91	7526853	144.233	ug/l	100
79) 2-Chlorotoluene	12.90	91	4451037	146.688	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	5546630	144.232	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	475977	148.674	ug/l	98
82) 4-Chlorotoluene	12.99	91	4674551	146.819	ug/l	99
83) tert-Butylbenzene	13.21	119	4671694	144.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	5453578	142.199	ug/l	100
85) sec-Butylbenzene	13.38	105	6525102	142.287	ug/l	100
86) p-Isopropyltoluene	13.50	119	5948013	142.548	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	2870553	143.364	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2808213	140.523	ug/l	99
89) n-Butylbenzene	13.83	91	5616128	141.019	ug/l	99
90) Hexachloroethane	14.10	117	1215203	147.099	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	2560284	139.297	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	221619	135.928	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010422.D
Acq On : 17 May 2019 19:16
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
5/20/2019 12:16:14 PM

Quant Time: May 17 23:45:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:21:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1675893	132.642	ug/l	99
94) Hexachlorobutadiene	15.24	225	863963	133.857	ug/l	99
95) Naphthalene	15.37	128	3724098	132.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	1477087	131.643	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051719\
Data File : VW010422.D
Acq On : 17 May 2019 19:16
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
5/20/2019 12:16:14 PM

Quant Time: May 17 23:45:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:21:20 2019
Response via : Initial Calibration

