

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009121.D
 Acq On : 12 Mar 2019 11:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 3:12:12 PM

Quant Time: Mar 13 02:18:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	215104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134082	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.88	113	118346	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.32	98	519797	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.62	95	198005	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	114440	40.349	ug/l	97
3) Chloromethane	2.21	50	152742	42.392	ug/l	98
4) Vinyl Chloride	2.36	62	153776	42.055	ug/l	98
5) Bromomethane	2.76	94	138749	44.952	ug/l	99
6) Chloroethane	2.92	64	106418	40.881	ug/l	94
7) Trichlorofluoromethane	3.26	101	208512	44.289	ug/l	99
8) Diethyl Ether	3.69	74	57920	40.235	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124792	42.559	ug/l	97
10) Methyl Iodide	4.27	142	110412	35.688	ug/l	99
11) Tert butyl alcohol	5.18	59	37286	171.843	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	110833	43.819	ug/l	95
13) Acrolein	3.90	56	50654	212.152	ug/l	98
14) Allyl chloride	4.67	41	187088	41.933	ug/l	99
15) Acrylonitrile	5.37	53	128615	204.705	ug/l	100
16) Acetone	4.13	43	157130	245.920	ug/l	95
17) Carbon Disulfide	4.38	76	364143	42.789	ug/l	98
18) Methyl Acetate	4.67	43	61138	41.611	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	269381	40.261	ug/l	96
20) Methylene Chloride	4.92	84	130373	42.569	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	128728	44.077	ug/l	97
22) Diisopropyl ether	6.31	45	386381	43.578	ug/l	96
23) Vinyl Acetate	6.25	43	1130124	204.827	ug/l	99
24) 1,1-Dichloroethane	6.21	63	222176	43.202	ug/l	99
25) 2-Butanone	7.17	43	195118	220.962	ug/l	99
26) 2,2-Dichloropropane	7.17	77	211495	45.244	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134510	42.884	ug/l	98
28) Bromochloromethane	7.51	49	103643	48.452	ug/l	99
29) Tetrahydrofuran	7.53	42	107898	193.898	ug/l	98
30) Chloroform	7.67	83	228937	43.240	ug/l	99
31) Cyclohexane	7.95	56	220574	41.772	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	214904	43.982	ug/l	99
36) 1,1-Dichloropropene	8.08	75	188177	46.819	ug/l	98
37) Ethyl Acetate	7.25	43	75512	39.998	ug/l	99
38) Carbon Tetrachloride	8.07	117	196066	47.235	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009121.D
 Acq On : 12 Mar 2019 11:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 3:12:12 PM

Quant Time: Mar 13 02:18:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225616	47.128	ug/l	96
40) Benzene	8.32	78	505345	47.099	ug/l	98
41) Methacrylonitrile	7.48	41	43073	41.085	ug/l	98
42) 1,2-Dichloroethane	8.40	62	153034	44.180	ug/l	100
43) Isopropyl Acetate	8.43	43	148334	42.186	ug/l	99
44) Trichloroethene	9.09	130	136978	45.551	ug/l	97
45) 1,2-Dichloropropane	9.37	63	124654	46.388	ug/l	98
46) Dibromomethane	9.46	93	65337	44.520	ug/l	99
47) Bromodichloromethane	9.64	83	170440	45.878	ug/l	99
48) Methyl methacrylate	9.43	41	72155	44.071	ug/l	91
49) 1,4-Dioxane	9.45	88	18197	865.879	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	396105	221.901	ug/l	99
52) Toluene	10.39	92	354983	48.785	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167509	45.589	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	192586	45.611	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	89842	45.166	ug/l	96
56) Ethyl methacrylate	10.65	69	116168	47.056	ug/l	98
57) 1,3-Dichloropropane	10.93	76	156639	44.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	314496	245.739	ug/l	99
59) 2-Hexanone	10.97	43	309711	246.773	ug/l	100
60) Dibromochloromethane	11.13	129	114147	46.370	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86894	44.561	ug/l	99
64) Tetrachloroethene	10.86	164	129613	46.921	ug/l	95
65) Chlorobenzene	11.66	112	385111	46.191	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	128574	46.186	ug/l	99
67) Ethyl Benzene	11.73	91	714404	47.431	ug/l	99
68) m/p-Xylenes	11.84	106	567376	95.434	ug/l	99
69) o-Xylene	12.17	106	261849	47.336	ug/l	97
70) Styrene	12.18	104	424940	47.479	ug/l	99
71) Bromoform	12.35	173	67492	45.153	ug/l #	99
73) Isopropylbenzene	12.47	105	734639	47.692	ug/l	100
74) N-amyl acetate	12.27	43	162979	44.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106817	43.961	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93828m	55.209	ug/l	
77) Bromobenzene	12.75	156	164097	46.624	ug/l	96
78) n-propylbenzene	12.80	91	914931	48.221	ug/l	99
79) 2-Chlorotoluene	12.90	91	503667	47.247	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	635532	47.864	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33086	43.545	ug/l	99
82) 4-Chlorotoluene	12.99	91	533448	46.944	ug/l	100
83) tert-Butylbenzene	13.21	119	541619	48.366	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	639429	47.606	ug/l	100
85) sec-Butylbenzene	13.38	105	810362	48.841	ug/l	99
86) p-Isopropyltoluene	13.50	119	717412	48.335	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	344653	46.596	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	344168	47.083	ug/l	98
89) n-Butylbenzene	13.83	91	691017	48.973	ug/l	99
90) Hexachloroethane	14.10	117	123319	48.174	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	303293	46.474	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19295	44.585	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031219\
Data File : VW009121.D
Acq On : 12 Mar 2019 11:30
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/14/2019 3:12:12 PM

Quant Time: Mar 13 02:18:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	206330	46.815	ug/l	97
94) Hexachlorobutadiene	15.24	225	134338	48.663	ug/l	99
95) Naphthalene	15.37	128	327871	45.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	175410	45.262	ug/l	100

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

