

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013498.D
 Acq On : 09 Oct 2019 12:43
 Operator : SY/VA
 Sample : VW1009SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 4:40:38 PM

Quant Time: Oct 10 03:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209345	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	126439	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
35) Dibromofluoromethane	7.88	113	132666	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	10.32	98	566155	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	187032	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21234	18.530	ug/l	96
3) Chloromethane	2.21	50	43470	21.581	ug/l	94
4) Vinyl Chloride	2.35	62	61335	20.644	ug/l	100
5) Bromomethane	2.78	94	36492	20.585	ug/l	97
6) Chloroethane	2.92	64	33892	20.312	ug/l	99
7) Trichlorofluoromethane	3.25	101	31499	22.407	ug/l	98
8) Diethyl Ether	3.68	74	28837	19.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59573	20.562	ug/l	98
10) Methyl Iodide	4.27	142	95877	20.898	ug/l	100
11) Tert butyl alcohol	5.20	59	20934	94.150	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	61505	20.484	ug/l	94
13) Acrolein	3.90	56	24120	103.005	ug/l	99
14) Allyl chloride	4.67	41	96794	20.978	ug/l	99
15) Acrylonitrile	5.37	53	65477	96.284	ug/l	99
16) Acetone	4.14	43	57314	92.148	ug/l	96
17) Carbon Disulfide	4.38	76	173750	20.616	ug/l	99
18) Methyl Acetate	4.67	43	34909	19.594	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	90214	19.870	ug/l	99
20) Methylene Chloride	4.92	84	69485	20.731	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	66138	20.730	ug/l	97
22) Diisopropyl ether	6.31	45	177524	20.534	ug/l	95
23) Vinyl Acetate	6.25	43	511096	98.472	ug/l	97
24) 1,1-Dichloroethane	6.21	63	110517	20.915	ug/l	98
25) 2-Butanone	7.17	43	83591	91.193	ug/l	99
26) 2,2-Dichloropropane	7.17	77	71987	21.133	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	70669	20.933	ug/l	99
28) Bromochloromethane	7.51	49	30031	16.347	ug/l #	98
29) Tetrahydrofuran	7.53	42	52681	94.034	ug/l	99
30) Chloroform	7.68	83	106584	20.853	ug/l	96
31) Cyclohexane	7.95	56	115290	20.614	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88657	21.338	ug/l	98
36) 1,1-Dichloropropene	8.08	75	92374	20.904	ug/l	99
37) Ethyl Acetate	7.26	43	38191	19.048	ug/l	99
38) Carbon Tetrachloride	8.07	117	82976	21.182	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013498.D
 Acq On : 09 Oct 2019 12:43
 Operator : SY/VA
 Sample : VW1009SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1009SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 4:40:38 PM

Quant Time: Oct 10 03:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	118543	20.706	ug/l	97
40) Benzene	8.32	78	258196	20.931	ug/l	98
41) Methacrylonitrile	7.48	41	22414	19.659	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63775	20.454	ug/l	98
43) Isopropyl Acetate	8.42	43	68844	19.006	ug/l	99
44) Trichloroethene	9.09	130	71989	20.457	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60770	20.525	ug/l	98
46) Dibromomethane	9.46	93	29574	20.051	ug/l	100
47) Bromodichloromethane	9.65	83	74401	20.292	ug/l	97
48) Methyl methacrylate	9.44	41	34684	19.439	ug/l	98
49) 1,4-Dioxane	9.47	88	10776	416.082	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	177954	93.446	ug/l	100
52) Toluene	10.38	92	166403	20.942	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	76743	20.143	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	94577	20.490	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	45893	20.729	ug/l	98
56) Ethyl methacrylate	10.65	69	57634	19.329	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77874	20.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	129704	92.201	ug/l	99
59) 2-Hexanone	10.97	43	122538	93.837	ug/l	100
60) Dibromochloromethane	11.13	129	51737	20.321	ug/l	95
61) 1,2-Dibromoethane	11.23	107	43124	20.479	ug/l	96
64) Tetrachloroethene	10.86	164	63492	20.934	ug/l	99
65) Chlorobenzene	11.66	112	171257	20.914	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58339	20.510	ug/l	100
67) Ethyl Benzene	11.73	91	311866	20.837	ug/l	100
68) m/p-Xylenes	11.84	106	242153	42.523	ug/l	97
69) o-Xylene	12.16	106	112062	21.300	ug/l	97
70) Styrene	12.18	104	192302	21.287	ug/l	99
71) Bromoform	12.35	173	30632	19.628	ug/l #	100
73) Isopropylbenzene	12.46	105	315355	21.030	ug/l	99
74) N-amyl acetate	12.27	43	60543	18.460	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49402	19.328	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32864m	18.849	ug/l	
77) Bromobenzene	12.75	156	72340	20.352	ug/l	98
78) n-propylbenzene	12.80	91	362487	20.904	ug/l	99
79) 2-Chlorotoluene	12.89	91	201737	20.766	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	263646	21.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15908	18.651	ug/l	99
82) 4-Chlorotoluene	12.99	91	211444	20.970	ug/l	99
83) tert-Butylbenzene	13.21	119	233324	21.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	257097	20.864	ug/l	100
85) sec-Butylbenzene	13.38	105	318651	20.842	ug/l	100
86) p-Isopropyltoluene	13.50	119	295180	21.014	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	140523	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	136999	20.750	ug/l	99
89) n-Butylbenzene	13.82	91	268609	21.168	ug/l	100
90) Hexachloroethane	14.09	117	50046	20.822	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	124323	20.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7853	19.273	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
Data File : VW013498.D
Acq On : 09 Oct 2019 12:43
Operator : SY/VA
Sample : VW1009SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1009SBSD01

Manual Integrations
APPROVED

MMDadoda
10/11/2019 4:40:38 PM

Quant Time: Oct 10 03:14:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	87626	20.836	ug/l	99
94) Hexachlorobutadiene	15.24	225	59872	21.423	ug/l	99
95) Naphthalene	15.36	128	137696	18.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	73970	20.114	ug/l	100

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

