

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012633.D
 Acq On : 05 Sep 2019 11:49
 Operator : SY/VA
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:11 PM

Quant Time: Sep 05 16:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142549	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.88	113	115358	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	448927	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	160403	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25310	17.125	ug/l	97
3) Chloromethane	2.21	50	36093	15.762	ug/l	97
4) Vinyl Chloride	2.35	62	42826	15.281	ug/l	99
5) Bromomethane	2.77	94	23158	16.316	ug/l	96
6) Chloroethane	2.91	64	24910	15.756	ug/l	96
7) Trichlorofluoromethane	3.24	101	27129	19.277	ug/l	99
8) Diethyl Ether	3.68	74	22410	16.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42466	17.753	ug/l	95
10) Methyl Iodide	4.26	142	55256	17.072	ug/l	97
11) Tert butyl alcohol	5.21	59	14573	84.866	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	41013	17.034	ug/l	97
13) Acrolein	3.89	56	8516	52.685	ug/l	91
14) Allyl chloride	4.66	41	86633	16.831	ug/l	95
15) Acrylonitrile	5.36	53	59778	90.286	ug/l	97
16) Acetone	4.14	43	58064	79.606	ug/l	95
17) Carbon Disulfide	4.37	76	95399	13.111	ug/l	99
18) Methyl Acetate	4.67	43	32328	17.895	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	77733	19.965	ug/l	98
20) Methylene Chloride	4.91	84	50478	18.306	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	47784	18.508	ug/l	100
22) Diisopropyl ether	6.31	45	190940	20.013	ug/l	98
23) Vinyl Acetate	6.25	43	546994	93.160	ug/l	100
24) 1,1-Dichloroethane	6.21	63	105931	20.392	ug/l	100
25) 2-Butanone	7.17	43	89951	90.753	ug/l	96
26) 2,2-Dichloropropane	7.16	77	65372	22.233	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56203	20.375	ug/l	99
28) Bromochloromethane	7.51	49	45102	19.920	ug/l	94
29) Tetrahydrofuran	7.53	42	53912	90.661	ug/l	98
30) Chloroform	7.67	83	100668	21.181	ug/l	98
31) Cyclohexane	7.95	56	92118	17.923	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	82564	21.960	ug/l	99
36) 1,1-Dichloropropene	8.08	75	78902	20.898	ug/l	100
37) Ethyl Acetate	7.25	43	35709	17.260	ug/l	97
38) Carbon Tetrachloride	8.06	117	74055	22.662	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012633.D
 Acq On : 05 Sep 2019 11:49
 Operator : SY/VA
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:29:11 PM

Quant Time: Sep 05 16:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81383	19.187	ug/l	99
40) Benzene	8.32	78	212816	20.643	ug/l	99
41) Methacrylonitrile	7.48	41	24143	19.855	ug/l	97
42) 1,2-Dichloroethane	8.40	62	73724	22.817	ug/l	99
43) Isopropyl Acetate	8.42	43	75420	19.680	ug/l	98
44) Trichloroethene	9.09	130	54556	21.769	ug/l	95
45) 1,2-Dichloropropane	9.37	63	57236	20.629	ug/l	96
46) Dibromomethane	9.46	93	26369	21.360	ug/l	98
47) Bromodichloromethane	9.64	83	73361	22.329	ug/l	96
48) Methyl methacrylate	9.43	41	35978	19.725	ug/l	98
49) 1,4-Dioxane	9.47	88	7240	383.098	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	192720	98.869	ug/l	99
52) Toluene	10.38	92	132222	21.349	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70471	21.057	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	82693	20.464	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37221	21.310	ug/l	97
56) Ethyl methacrylate	10.65	69	50969	20.050	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69663	21.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	136706	104.784	ug/l	98
59) 2-Hexanone	10.97	43	134032	97.180	ug/l	99
60) Dibromochloromethane	11.13	129	42947	22.076	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34358	21.115	ug/l	98
64) Tetrachloroethene	10.86	164	44989	22.303	ug/l	99
65) Chlorobenzene	11.66	112	135620	22.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49099	22.973	ug/l	98
67) Ethyl Benzene	11.73	91	260508	22.074	ug/l	98
68) m/p-Xylenes	11.83	106	186814	43.946	ug/l	99
69) o-Xylene	12.16	106	87518	22.244	ug/l	99
70) Styrene	12.18	104	152174	22.345	ug/l	99
71) Bromoform	12.35	173	23344	21.923	ug/l #	98
73) Isopropylbenzene	12.46	105	252241	21.475	ug/l	100
74) N-amyl acetate	12.27	43	68527	19.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42725	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36571m	23.954	ug/l	
77) Bromobenzene	12.74	156	54254	21.350	ug/l	96
78) n-propylbenzene	12.80	91	303080	21.136	ug/l	98
79) 2-Chlorotoluene	12.89	91	172985	21.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	213613	21.764	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13518	19.414	ug/l	95
82) 4-Chlorotoluene	12.99	91	183431	21.518	ug/l	99
83) tert-Butylbenzene	13.21	119	185799	22.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	212845	21.588	ug/l	100
85) sec-Butylbenzene	13.38	105	257747	21.639	ug/l	100
86) p-Isopropyltoluene	13.50	119	235836	22.170	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108825	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106906	21.662	ug/l	99
89) n-Butylbenzene	13.82	91	225686	21.335	ug/l	99
90) Hexachloroethane	14.09	117	39975	21.419	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	95957	22.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7270	20.026	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012633.D
Acq On : 05 Sep 2019 11:49
Operator : SY/VA
Sample : VW0905SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Manual Integrations
APPROVED

MMDadoda
9/6/2019 12:29:11 PM

Quant Time: Sep 05 16:35:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65050	21.588	ug/l	98
94) Hexachlorobutadiene	15.24	225	48490	24.371	ug/l	97
95) Naphthalene	15.36	128	104359	20.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56745	21.585	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012633.D
Acq On : 05 Sep 2019 11:49
Operator : SY/VA
Sample : VW0905SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Manual Integrations
APPROVED

MMDadoda
9/6/2019 12:29:11 PM

Quant Time: Sep 05 16:35:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

