

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008168.D
 Acq On : 11 Jan 2019 01:34
 Operator : SY/AP
 Sample : VW0110SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:28:05 PM

Quant Time: Jan 11 07:10:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	161797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73959	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	54679	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	51692	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
50) Toluene-d8	10.32	98	209369	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	73913	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12819	17.905	ug/l	91
3) Chloromethane	2.21	50	18622	20.049	ug/l	97
4) Vinyl Chloride	2.37	62	23757	19.597	ug/l	91
5) Bromomethane	2.78	94	21520	23.697	ug/l	92
6) Chloroethane	2.92	64	15992	17.531	ug/l	99
7) Trichlorofluoromethane	3.26	101	16688	16.933	ug/l	94
8) Diethyl Ether	3.68	74	12560	22.543	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19473	19.901	ug/l	98
10) Methyl Iodide	4.26	142	30680	21.513	ug/l	100
11) Tert butyl alcohol	5.20	59	7860	115.491	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	19759	20.568	ug/l	91
13) Acrolein	3.90	56	5923	89.272	ug/l	99
14) Allyl chloride	4.67	41	36692	21.036	ug/l	96
15) Acrylonitrile	5.37	53	26479	124.831	ug/l	98
16) Acetone	4.13	43	21151	107.271	ug/l	97
17) Carbon Disulfide	4.37	76	58328	19.436	ug/l	98
18) Methyl Acetate	4.67	43	14733	23.643	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	35433	22.687	ug/l	99
20) Methylene Chloride	4.91	84	23857	21.871	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	22203	21.267	ug/l	85
22) Diisopropyl ether	6.31	45	71610	21.527	ug/l #	98
23) Vinyl Acetate	6.26	43	199353	114.106	ug/l	98
24) 1,1-Dichloroethane	6.21	63	41450	21.386	ug/l	95
25) 2-Butanone	7.18	43	31492	114.799	ug/l	99
26) 2,2-Dichloropropane	7.16	77	24189	18.419	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	25169	22.097	ug/l	95
28) Bromochloromethane	7.51	49	17283	22.544	ug/l	99
29) Tetrahydrofuran	7.54	42	23270	126.989	ug/l	96
30) Chloroform	7.68	83	40661	22.040	ug/l	95
31) Cyclohexane	7.95	56	37304	17.979	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	32976	20.542	ug/l	99
36) 1,1-Dichloropropene	8.08	75	31625	18.975	ug/l	98
37) Ethyl Acetate	7.26	43	14932	22.363	ug/l	96
38) Carbon Tetrachloride	8.07	117	29114	19.085	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008168.D
 Acq On : 11 Jan 2019 01:34
 Operator : SY/AP
 Sample : VW0110SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:28:05 PM

Quant Time: Jan 11 07:10:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37465	17.728	ug/l	92
40) Benzene	8.32	78	92642	20.494	ug/l	99
41) Methacrylonitrile	7.48	41	8798	20.858	ug/l	96
42) 1,2-Dichloroethane	8.40	62	26954	21.200	ug/l	96
43) Isopropyl Acetate	8.43	43	30286	22.686	ug/l	99
44) Trichloroethene	9.09	130	23167	20.020	ug/l	96
45) 1,2-Dichloropropane	9.37	63	22960	20.484	ug/l	99
46) Dibromomethane	9.46	93	12426	22.573	ug/l	99
47) Bromodichloromethane	9.65	83	29838	21.347	ug/l #	99
48) Methyl methacrylate	9.44	41	13051	20.718	ug/l	84
49) 1,4-Dioxane	9.46	88	3794	428.574	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	73726	114.087	ug/l	100
52) Toluene	10.39	92	59977	20.775	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	30230	20.792	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	34304	19.897	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	17450	22.578	ug/l	97
56) Ethyl methacrylate	10.65	69	20967	21.906	ug/l	97
57) 1,3-Dichloropropane	10.93	76	30625	21.667	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	57819	116.947	ug/l	98
59) 2-Hexanone	10.97	43	50178	114.821	ug/l	96
60) Dibromochloromethane	11.13	129	19014	22.404	ug/l	96
61) 1,2-Dibromoethane	11.24	107	16820	22.936	ug/l	99
64) Tetrachloroethene	10.87	164	19595	19.945	ug/l	95
65) Chlorobenzene	11.66	112	63367	19.813	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	21457	20.627	ug/l	99
67) Ethyl Benzene	11.73	91	109952	18.789	ug/l	100
68) m/p-Xylenes	11.84	106	85932	38.472	ug/l	97
69) o-Xylene	12.17	106	40326	19.496	ug/l	99
70) Styrene	12.18	104	66547	20.541	ug/l	98
71) Bromoform	12.35	173	10609	22.788	ug/l #	99
73) Isopropylbenzene	12.47	105	109034	18.778	ug/l	100
74) N-amyl acetate	12.27	43	27274	21.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	21095	22.697	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	14351m	21.285	ug/l	
77) Bromobenzene	12.75	156	24826	20.235	ug/l	93
78) n-propylbenzene	12.80	91	131012	18.415	ug/l	97
79) 2-Chlorotoluene	12.90	91	75769	19.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	89812	18.822	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	5680	19.618	ug/l	89
82) 4-Chlorotoluene	12.99	91	79091	18.919	ug/l	98
83) tert-Butylbenzene	13.21	119	79421	18.814	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	93201	18.939	ug/l	98
85) sec-Butylbenzene	13.39	105	115403	18.663	ug/l	100
86) p-Isopropyltoluene	13.51	119	97549	18.268	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	49750	19.990	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49287	19.738	ug/l	97
89) n-Butylbenzene	13.83	91	93409	17.861	ug/l	99
90) Hexachloroethane	14.10	117	17617	19.533	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	45361	20.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3621	24.209	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008168.D
Acq On : 11 Jan 2019 01:34
Operator : SY/AP
Sample : VW0110SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Manual Integrations
APPROVED

MMDadoda
1/11/2019 2:28:05 PM

Quant Time: Jan 11 07:10:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26849	18.489	ug/l	97
94) Hexachlorobutadiene	15.24	225	14957	19.243	ug/l	97
95) Naphthalene	15.38	128	55006	20.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	24955	20.158	ug/l	99

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

