

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008368.D
 Acq On : 21 Jan 2019 12:07
 Operator : SY/VA
 Sample : VW0121SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBS01

Quant Time: Jan 22 03:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	223182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58367	42.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.52%	
35) Dibromofluoromethane	7.88	113	60642	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	
50) Toluene-d8	10.32	98	251976	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.62	95	85608	42.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14861	17.765	ug/l	93
3) Chloromethane	2.21	50	20898	17.042	ug/l	97
4) Vinyl Chloride	2.37	62	30480	19.454	ug/l	89
5) Bromomethane	2.78	94	24547	20.674	ug/l	99
6) Chloroethane	2.92	64	19402	18.919	ug/l	98
7) Trichlorofluoromethane	3.26	101	25704	22.343	ug/l	100
8) Diethyl Ether	3.68	74	12916	16.191	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	26678	19.919	ug/l	90
10) Methyl Iodide	4.26	142	36169	16.744	ug/l	98
11) Tert butyl alcohol	5.18	59	6105	65.658	ug/l #	69
12) 1,1-Dichloroethene	4.03	96	24764	18.179	ug/l	88
13) Acrolein	3.90	56	4941	57.489	ug/l	90
14) Allyl chloride	4.67	41	43126	18.937	ug/l	97
15) Acrylonitrile	5.37	53	24762	80.806	ug/l	99
16) Acetone	4.12	43	25391	79.170	ug/l	93
17) Carbon Disulfide	4.37	76	73383	17.704	ug/l	99
18) Methyl Acetate	4.67	43	13215	15.425	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	34786	16.682	ug/l	97
20) Methylene Chloride	4.91	84	40399	25.402	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	28207	18.437	ug/l	94
22) Diisopropyl ether	6.31	45	82239	18.497	ug/l	96
23) Vinyl Acetate	6.25	43	200725	84.459	ug/l	98
24) 1,1-Dichloroethane	6.21	63	51242	18.929	ug/l	98
25) 2-Butanone	7.18	43	31572	76.860	ug/l	96
26) 2,2-Dichloropropane	7.16	77	34164	19.776	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	30475	18.385	ug/l	96
28) Bromochloromethane	7.51	49	20215	18.125	ug/l #	99
29) Tetrahydrofuran	7.53	42	18933	73.933	ug/l	97
30) Chloroform	7.68	83	50819	18.974	ug/l	98
31) Cyclohexane	7.95	56	49214	19.081	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44368	19.738	ug/l	98
36) 1,1-Dichloropropene	8.08	75	41563	18.510	ug/l	99
37) Ethyl Acetate	7.25	43	13285	14.347	ug/l	96
38) Carbon Tetrachloride	8.07	117	40644	18.331	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008368.D
 Acq On : 21 Jan 2019 12:07
 Operator : SY/VA
 Sample : VW0121SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBS01

Quant Time: Jan 22 03:54:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50460	18.893	ug/l	98
40) Benzene	8.32	78	115409	18.145	ug/l	99
41) Methacrylonitrile	7.48	41	7519	13.949	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	31150	17.514	ug/l	99
43) Isopropyl Acetate	8.42	43	26907	15.384	ug/l	95
44) Trichloroethene	9.09	130	30845	17.701	ug/l	99
45) 1,2-Dichloropropane	9.37	63	28293	17.908	ug/l	99
46) Dibromomethane	9.46	93	13690	16.625	ug/l	93
47) Bromodichloromethane	9.64	83	36435	17.938	ug/l	95
48) Methyl methacrylate	9.43	41	12463	15.136	ug/l	97
49) 1,4-Dioxane	9.46	88	4384	330.720	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	63112	71.261	ug/l	100
52) Toluene	10.39	92	74184	18.430	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	33572	16.560	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	41006	17.159	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	19438	17.019	ug/l	96
56) Ethyl methacrylate	10.65	69	19894	14.832	ug/l	98
57) 1,3-Dichloropropane	10.93	76	33305	16.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	59739	92.333	ug/l	98
59) 2-Hexanone	10.97	43	45233	72.893	ug/l	98
60) Dibromochloromethane	11.13	129	22411	16.441	ug/l	97
61) 1,2-Dibromoethane	11.24	107	17865	16.153	ug/l	100
64) Tetrachloroethene	10.86	164	25614	18.188	ug/l	97
65) Chlorobenzene	11.66	112	78767	17.980	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	27204	18.043	ug/l	98
67) Ethyl Benzene	11.73	91	139224	18.303	ug/l	100
68) m/p-Xylenes	11.84	106	109939	37.237	ug/l	100
69) o-Xylene	12.17	106	49550	17.964	ug/l	97
70) Styrene	12.18	104	80991	18.280	ug/l	99
71) Bromoform	12.35	173	11922	15.873	ug/l #	96
73) Isopropylbenzene	12.47	105	140543	18.495	ug/l	99
74) N-amyl acetate	12.27	43	23006	14.127	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	21182	16.388	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17736m	18.674	ug/l	
77) Bromobenzene	12.75	156	30427	16.670	ug/l	92
78) n-propylbenzene	12.81	91	174420	18.963	ug/l	99
79) 2-Chlorotoluene	12.90	91	93833	17.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	119326	18.818	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	6636	16.674	ug/l	92
82) 4-Chlorotoluene	12.99	91	101656	18.511	ug/l	99
83) tert-Butylbenzene	13.21	119	105306	18.868	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	119222	18.456	ug/l	99
85) sec-Butylbenzene	13.39	105	153392	19.142	ug/l	99
86) p-Isopropyltoluene	13.51	119	134048	19.153	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	65407	18.035	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	64328	17.705	ug/l	98
89) n-Butylbenzene	13.83	91	129584	19.302	ug/l	99
90) Hexachloroethane	14.10	117	23911	18.461	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	57293	17.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3171	15.003	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
Data File : VW008368.D
Acq On : 21 Jan 2019 12:07
Operator : SY/VA
Sample : VW0121SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBS01

Quant Time: Jan 22 03:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	36270	16.733	ug/l	100
94) Hexachlorobutadiene	15.24	225	22618	18.515	ug/l	99
95) Naphthalene	15.38	128	53375	15.041	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	29771	15.769	ug/l	99

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

