

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010795.D
 Acq On : 13 Jun 2019 14:02
 Operator : SY/VA
 Sample : VW0613SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0613SBSD01

Quant Time: Jun 14 08:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165479	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	140426	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	108631	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	456704	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	169824	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	45227	21.030	ug/l	98
3) Chloromethane	2.21	50	66740	21.092	ug/l	97
4) Vinyl Chloride	2.36	62	59172	20.241	ug/l	99
5) Bromomethane	2.74	94	31847	19.838	ug/l	95
6) Chloroethane	2.90	64	35512	20.237	ug/l	97
7) Trichlorofluoromethane	3.25	101	81834	21.564	ug/l	99
8) Diethyl Ether	3.68	74	27711	20.433	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49509	21.220	ug/l	99
10) Methyl Iodide	4.27	142	38157	19.151	ug/l	98
11) Tert butyl alcohol	5.16	59	39400	176.307	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	46501	20.661	ug/l	97
13) Acrolein	3.90	56	6439	70.511	ug/l	97
14) Allyl chloride	4.67	41	106529	21.467	ug/l	98
15) Acrylonitrile	5.37	53	67976	103.174	ug/l	99
16) Acetone	4.12	43	79140	107.672	ug/l	99
17) Carbon Disulfide	4.37	76	138336	19.363	ug/l	100
18) Methyl Acetate	4.67	43	33050	20.889	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	134473	20.716	ug/l	97
20) Methylene Chloride	4.92	84	55404	21.487	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52862	20.690	ug/l	95
22) Diisopropyl ether	6.31	45	219626	22.106	ug/l	98
23) Vinyl Acetate	6.26	43	626614	104.509	ug/l	100
24) 1,1-Dichloroethane	6.21	63	107691	21.630	ug/l	98
25) 2-Butanone	7.17	43	110637	108.554	ug/l	98
26) 2,2-Dichloropropane	7.17	77	96642	23.853	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	59771	21.258	ug/l	94
28) Bromochloromethane	7.51	49	48779	21.953	ug/l	97
29) Tetrahydrofuran	7.53	42	65999	102.952	ug/l	99
30) Chloroform	7.68	83	97138	21.330	ug/l	99
31) Cyclohexane	7.95	56	115494	20.867	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85793	21.566	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83038	21.189	ug/l	99
37) Ethyl Acetate	7.25	43	44142	20.326	ug/l	99
38) Carbon Tetrachloride	8.07	117	71046	21.000	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010795.D
 Acq On : 13 Jun 2019 14:02
 Operator : SY/VA
 Sample : VW0613SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0613SBSD01

Quant Time: Jun 14 08:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102750	20.625	ug/l	98
40) Benzene	8.32	78	227207	21.252	ug/l	99
41) Methacrylonitrile	7.49	41	29389	22.767	ug/l	93
42) 1,2-Dichloroethane	8.40	62	72944	21.497	ug/l	99
43) Isopropyl Acetate	8.43	43	85060	20.274	ug/l	100
44) Trichloroethene	9.09	130	55297	20.967	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60603	21.414	ug/l	98
46) Dibromomethane	9.46	93	26994	20.535	ug/l	99
47) Bromodichloromethane	9.65	83	71607	21.015	ug/l	95
48) Methyl methacrylate	9.43	41	40965	20.251	ug/l	99
49) 1,4-Dioxane	9.45	88	9014	438.598	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	220703	102.969	ug/l	100
52) Toluene	10.39	92	139836	21.258	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75122	20.814	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	88268	20.784	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38537	20.350	ug/l	97
56) Ethyl methacrylate	10.65	69	59066	20.270	ug/l	95
57) 1,3-Dichloropropane	10.93	76	74215	20.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	153535	100.597	ug/l	98
59) 2-Hexanone	10.97	43	156477	101.013	ug/l	99
60) Dibromochloromethane	11.13	129	42756	20.368	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36368	20.270	ug/l	99
64) Tetrachloroethene	10.86	164	46143	20.335	ug/l	97
65) Chlorobenzene	11.66	112	142034	21.134	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49066	21.091	ug/l	100
67) Ethyl Benzene	11.73	91	274815	21.277	ug/l	98
68) m/p-Xylenes	11.84	106	196333	42.464	ug/l	99
69) o-Xylene	12.16	106	92563	21.109	ug/l	98
70) Styrene	12.18	104	161720	21.230	ug/l	99
71) Bromoform	12.35	173	23251	19.324	ug/l #	100
73) Isopropylbenzene	12.46	105	262808	21.134	ug/l	100
74) N-amyl acetate	12.27	43	82418	20.508	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47149	19.917	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34771m	20.009	ug/l	
77) Bromobenzene	12.75	156	55436	20.423	ug/l	95
78) n-propylbenzene	12.80	91	318949	21.271	ug/l	100
79) 2-Chlorotoluene	12.90	91	182569	21.312	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215743	21.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14442	19.101	ug/l	97
82) 4-Chlorotoluene	12.99	91	188133	21.281	ug/l	99
83) tert-Butylbenzene	13.21	119	183355	21.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	218971	21.379	ug/l	99
85) sec-Butylbenzene	13.38	105	266253	21.170	ug/l	100
86) p-Isopropyltoluene	13.50	119	238034	21.164	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110567	21.122	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108974	20.999	ug/l	99
89) n-Butylbenzene	13.83	91	242280	21.590	ug/l	100
90) Hexachloroethane	14.10	117	41036	20.374	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	99669	21.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8080	19.876	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010795.D
Acq On : 13 Jun 2019 14:02
Operator : SY/VA
Sample : VW0613SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0613SBSD01

Quant Time: Jun 14 08:17:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69529	21.047	ug/l	99
94) Hexachlorobutadiene	15.24	225	44080	21.261	ug/l	98
95) Naphthalene	15.37	128	117377	19.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	58780	20.923	ug/l	99

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

