

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007721.D
 Acq On : 20 Dec 2018 02:30
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:22 AM

Quant Time: Dec 20 07:44:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44822	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.88	113	42054	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.32	98	161370	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.62	95	61621	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29730	43.076	ug/l	99
3) Chloromethane	2.21	50	23561	55.594	ug/l	94
4) Vinyl Chloride	2.37	62	28977	53.712	ug/l	99
5) Bromomethane	2.78	94	20864	55.525	ug/l	91
6) Chloroethane	2.93	64	16553	57.352	ug/l	96
7) Trichlorofluoromethane	3.26	101	25462	45.333	ug/l	91
8) Diethyl Ether	3.68	74	18711	54.389	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36920	44.633	ug/l	98
10) Methyl Iodide	4.26	142	65913	50.106	ug/l	97
11) Tert butyl alcohol	5.17	59	14337	249.766	ug/l	98
12) 1,1-Dichloroethene	4.03	96	36336	47.438	ug/l	98
13) Acrolein	3.89	56	10424	227.122	ug/l	99
14) Allyl chloride	4.66	41	52048	51.816	ug/l	97
15) Acrylonitrile	5.37	53	36422	248.193	ug/l	99
16) Acetone	4.12	43	33420	209.735	ug/l	98
17) Carbon Disulfide	4.37	76	113834	48.024	ug/l	100
18) Methyl Acetate	4.67	43	19642	51.832	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	58676	53.359	ug/l	98
20) Methylene Chloride	4.91	84	40628	51.126	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	40942	48.600	ug/l	94
22) Diisopropyl ether	6.31	45	103150	54.843	ug/l	97
23) Vinyl Acetate	6.26	43	288151	257.863	ug/l	99
24) 1,1-Dichloroethane	6.21	63	69786	50.436	ug/l	98
25) 2-Butanone	7.17	43	43504	233.092	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46066	45.497	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	45553	50.755	ug/l	99
28) Bromochloromethane	7.51	49	28084	59.530	ug/l	96
29) Tetrahydrofuran	7.52	42	28832	258.985	ug/l	96
30) Chloroform	7.68	83	78119	49.889	ug/l	100
31) Cyclohexane	7.95	56	57692	45.545	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	68764	48.218	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58671	46.845	ug/l	98
37) Ethyl Acetate	7.25	43	20823	48.175	ug/l	99
38) Carbon Tetrachloride	8.07	117	64781	43.919	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007721.D
 Acq On : 20 Dec 2018 02:30
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:22 AM

Quant Time: Dec 20 07:44:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70358	45.208	ug/l	97
40) Benzene	8.32	78	161801	48.412	ug/l	99
41) Methacrylonitrile	7.48	41	12273	50.011	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51952	46.385	ug/l	99
43) Isopropyl Acetate	8.43	43	42039	48.545	ug/l	100
44) Trichloroethene	9.09	130	47473	46.970	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37343	50.355	ug/l	98
46) Dibromomethane	9.46	93	21595	47.305	ug/l	99
47) Bromodichloromethane	9.65	83	58112	48.422	ug/l	97
48) Methyl methacrylate	9.44	41	21438	49.596	ug/l	99
49) 1,4-Dioxane	9.45	88	7164	989.822	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	98933	241.738	ug/l	99
52) Toluene	10.39	92	109281	48.735	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	56963	47.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	64275	48.747	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30395	48.297	ug/l	98
56) Ethyl methacrylate	10.65	69	37146	49.957	ug/l	96
57) 1,3-Dichloropropane	10.93	76	51316	49.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94810	279.273	ug/l	99
59) 2-Hexanone	10.97	43	67734	235.337	ug/l	99
60) Dibromochloromethane	11.13	129	39416	47.302	ug/l	97
61) 1,2-Dibromoethane	11.24	107	29967	47.022	ug/l	100
64) Tetrachloroethene	10.86	164	41224	49.381	ug/l	98
65) Chlorobenzene	11.66	112	122075	47.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43939	48.192	ug/l	98
67) Ethyl Benzene	11.73	91	214694	49.032	ug/l	96
68) m/p-Xylenes	11.84	106	163980	96.543	ug/l	99
69) o-Xylene	12.17	106	77853	48.898	ug/l	99
70) Styrene	12.18	104	129883	49.627	ug/l	99
71) Bromoform	12.35	173	22211	46.927	ug/l #	98
73) Isopropylbenzene	12.47	105	217189	48.145	ug/l	100
74) N-amyl acetate	12.27	43	39045	49.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	32106	47.468	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24407m	52.913	ug/l	
77) Bromobenzene	12.75	156	49580	47.957	ug/l	97
78) n-propylbenzene	12.81	91	252553	48.094	ug/l	99
79) 2-Chlorotoluene	12.90	91	149794	48.967	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	188813	48.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10316	46.944	ug/l	98
82) 4-Chlorotoluene	12.99	91	158639	48.704	ug/l	99
83) tert-Butylbenzene	13.21	119	166157	48.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	193823	49.364	ug/l	99
85) sec-Butylbenzene	13.39	105	225101	47.839	ug/l	99
86) p-Isopropyltoluene	13.50	119	205234	47.967	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	99251	48.352	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99250	48.337	ug/l	99
89) n-Butylbenzene	13.83	91	187454	47.783	ug/l	100
90) Hexachloroethane	14.10	117	35850	47.725	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	88898	48.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6232	44.866	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007721.D
Acq On : 20 Dec 2018 02:30
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
12/20/2018 11:20:22 AM

Quant Time: Dec 20 07:44:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61535	48.235	ug/l	99
94) Hexachlorobutadiene	15.24	225	31494	46.194	ug/l	99
95) Naphthalene	15.38	128	118105	50.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	52437	48.018	ug/l	99

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

