

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006492.D
 Acq On : 30 Oct 2018 10:41
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:33 PM

Quant Time: Oct 30 14:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	83432	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	
35) Dibromofluoromethane	7.88	113	94384	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.32	98	354740	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.62	95	132479	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66162	57.596	ug/l	99
3) Chloromethane	2.21	50	75713	51.203	ug/l	98
4) Vinyl Chloride	2.37	62	116678	55.253	ug/l	99
5) Bromomethane	2.79	94	97045	50.526	ug/l	98
6) Chloroethane	2.93	64	84787	56.027	ug/l	96
7) Trichlorofluoromethane	3.26	101	114614	58.262	ug/l	99
8) Diethyl Ether	3.68	74	47906	45.822	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116433	56.477	ug/l	98
10) Methyl Iodide	4.26	142	190084	55.396	ug/l	99
11) Tert butyl alcohol	5.24	59	23686	182.998	ug/l	99
12) 1,1-Dichloroethene	4.03	96	107729	55.543	ug/l	91
13) Acrolein	3.90	56	22010	175.737	ug/l	96
14) Allyl chloride	4.67	41	137714	49.658	ug/l	98
15) Acrylonitrile	5.38	53	84390	225.045	ug/l	100
16) Acetone	4.15	43	105974	296.252	ug/l	97
17) Carbon Disulfide	4.37	76	295934	50.555	ug/l	99
18) Methyl Acetate	4.68	43	41541	42.892	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	138367	46.838	ug/l	98
20) Methylene Chloride	4.91	84	107648	52.959	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	120368	55.599	ug/l	94
22) Diisopropyl ether	6.31	45	273291	49.867	ug/l	99
23) Vinyl Acetate	6.26	43	737483	228.021	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192903	54.550	ug/l	99
25) 2-Butanone	7.18	43	125017	240.460	ug/l	98
26) 2,2-Dichloropropane	7.17	77	133572	53.555	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131300	54.958	ug/l	98
28) Bromochloromethane	7.51	49	70157	51.389	ug/l	90
29) Tetrahydrofuran	7.54	42	65888	206.173	ug/l	97
30) Chloroform	7.68	83	211573	54.914	ug/l	99
31) Cyclohexane	7.95	56	176495	50.118	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	191414	55.076	ug/l	98
36) 1,1-Dichloropropene	8.08	75	168877	57.602	ug/l	99
37) Ethyl Acetate	7.26	43	48365	44.401	ug/l	99
38) Carbon Tetrachloride	8.07	117	186048	57.888	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV103118\
 Data File : VW006492.D
 Acq On : 30 Oct 2018 10:41
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:33 PM

Quant Time: Oct 30 14:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223639	57.385	ug/l	98
40) Benzene	8.32	78	459921	57.189	ug/l	100
41) Methacrylonitrile	7.49	41	31356	47.751	ug/l	98
42) 1,2-Dichloroethane	8.40	62	124116	52.530	ug/l	98
43) Isopropyl Acetate	8.43	43	96893	43.505	ug/l	96
44) Trichloroethene	9.09	130	143779	58.274	ug/l	98
45) 1,2-Dichloropropane	9.37	63	107150	55.679	ug/l	100
46) Dibromomethane	9.46	93	57741	52.644	ug/l	97
47) Bromodichloromethane	9.65	83	145398	54.677	ug/l	99
48) Methyl methacrylate	9.44	41	47042	44.560	ug/l	94
49) 1,4-Dioxane	9.49	88	17446	1033.208	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	248472	222.666	ug/l	98
52) Toluene	10.39	92	311383	57.753	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	139409	52.619	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	167678	55.144	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	81311	52.975	ug/l	99
56) Ethyl methacrylate	10.65	69	91799	48.786	ug/l	95
57) 1,3-Dichloropropane	10.93	76	133879	52.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	170404	237.002	ug/l	99
59) 2-Hexanone	10.97	43	192359	241.486	ug/l	97
60) Dibromochloromethane	11.13	129	101734	53.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81450	53.109	ug/l	100
64) Tetrachloroethene	10.87	164	131889	59.111	ug/l	96
65) Chlorobenzene	11.66	112	360754	58.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125722	57.498	ug/l	99
67) Ethyl Benzene	11.73	91	627040	58.806	ug/l	100
68) m/p-Xylenes	11.84	106	500114	118.665	ug/l	98
69) o-Xylene	12.17	106	233305	58.086	ug/l	97
70) Styrene	12.18	104	380753	58.296	ug/l	99
71) Bromoform	12.35	173	62181	50.985	ug/l #	99
73) Isopropylbenzene	12.47	105	673304	58.743	ug/l	100
74) N-amyl acetate	12.27	43	95910	43.083	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	88733	50.900	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53366m	43.065	ug/l	
77) Bromobenzene	12.75	156	161354	57.475	ug/l	96
78) n-propylbenzene	12.81	91	779979	58.492	ug/l	99
79) 2-Chlorotoluene	12.90	91	431968	57.655	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	565444	58.519	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	25228	48.665	ug/l	99
82) 4-Chlorotoluene	12.99	91	453825	57.824	ug/l	99
83) tert-Butylbenzene	13.21	119	512660	59.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	569248	58.220	ug/l	100
85) sec-Butylbenzene	13.39	105	722147	59.128	ug/l	99
86) p-Isopropyltoluene	13.51	119	654042	59.206	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	328943	58.875	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	320590	57.630	ug/l	99
89) n-Butylbenzene	13.83	91	594531	58.848	ug/l	99
90) Hexachloroethane	14.10	117	106400	56.863	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	280829	56.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13669	43.794	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006492.D
Acq On : 30 Oct 2018 10:41
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:33 PM

Quant Time: Oct 30 14:08:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	209147	54.541	ug/l	99
94) Hexachlorobutadiene	15.24	225	141152	58.596	ug/l	99
95) Naphthalene	15.38	128	300528	47.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	173827	52.408	ug/l	100

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

