

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007797.D
 Acq On : 21 Dec 2018 16:01
 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
 12/26/2018 10:58:47 AM

Quant Time: Dec 22 00:04:54 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	81574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57974	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	40959	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	38359	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	10.32	98	149872	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	57824	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	36358	50.136	ug/l	99
3) Chloromethane	2.21	50	24570	55.176	ug/l	96
4) Vinyl Chloride	2.37	62	31089	54.845	ug/l	99
5) Bromomethane	2.78	94	20925	52.999	ug/l	98
6) Chloroethane	2.93	64	17565	57.920	ug/l	99
7) Trichlorofluoromethane	3.25	101	24939	42.259	ug/l	96
8) Diethyl Ether	3.67	74	17853	49.390	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43753	50.340	ug/l	99
10) Methyl Iodide	4.26	142	68063	49.243	ug/l	96
11) Tert butyl alcohol	5.18	59	15480	256.660	ug/l	99
12) 1,1-Dichloroethene	4.03	96	41923	52.090	ug/l	95
13) Acrolein	3.89	56	10859	225.178	ug/l	96
14) Allyl chloride	4.65	41	58322	55.260	ug/l	94
15) Acrylonitrile	5.36	53	42218	273.801	ug/l	98
16) Acetone	4.12	43	43470	259.636	ug/l	93
17) Carbon Disulfide	4.37	76	120429	48.354	ug/l	99
18) Methyl Acetate	4.67	43	23805	59.785	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	64941	56.205	ug/l	97
20) Methylene Chloride	4.90	84	42529	50.908	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46317	52.326	ug/l	97
22) Diisopropyl ether	6.31	45	112280	56.815	ug/l	98
23) Vinyl Acetate	6.25	43	325981	277.634	ug/l	98
24) 1,1-Dichloroethane	6.21	63	77129	53.052	ug/l	98
25) 2-Butanone	7.17	43	54153	276.142	ug/l	97
26) 2,2-Dichloropropane	7.17	77	53205	50.011	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49164	52.133	ug/l	99
28) Bromochloromethane	7.51	49	26410	53.279	ug/l	94
29) Tetrahydrofuran	7.52	42	33865	289.509	ug/l	98
30) Chloroform	7.67	83	83905	50.997	ug/l	98
31) Cyclohexane	7.95	56	70325	52.838	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72757	48.555	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67041	52.690	ug/l	99
37) Ethyl Acetate	7.25	43	24614	56.054	ug/l	99
38) Carbon Tetrachloride	8.06	117	67145	44.810	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007797.D
 Acq On : 21 Dec 2018 16:01
 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
 12/26/2018 10:58:47 AM

Quant Time: Dec 22 00:04:54 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	9.33	83	86921	54.977	ug/l	98
40) Benzene	8.32	78	178192	52.482	ug/l	99
41) Methacrylonitrile	7.49	41	16847	67.576	ug/l	85
42) 1,2-Dichloroethane	8.40	62	54912	48.261	ug/l	97
43) Isopropyl Acetate	8.43	43	47963	54.520	ug/l	99
44) Trichloroethene	9.09	130	52312	50.948	ug/l	99
45) 1,2-Dichloropropane	9.37	63	40732	54.066	ug/l	93
46) Dibromomethane	9.46	93	22869	49.313	ug/l	99
47) Bromodichloromethane	9.64	83	58438	47.932	ug/l	99
48) Methyl methacrylate	9.43	41	24547m	55.900	ug/l	
49) 1,4-Dioxane	9.45	88	8233	1119.729	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	114200	274.678	ug/l	100
52) Toluene	10.38	92	123630	54.271	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	61999	51.126	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70179	52.392	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33759	52.804	ug/l	97
56) Ethyl methacrylate	10.65	69	41699	55.203	ug/l	95
57) 1,3-Dichloropropane	10.93	76	55803	52.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98130	284.531	ug/l	98
59) 2-Hexanone	10.97	43	81933	280.217	ug/l	99
60) Dibromochloromethane	11.13	129	38028	44.923	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33583	51.871	ug/l	98
64) Tetrachloroethene	10.86	164	42644	52.340	ug/l	96
65) Chlorobenzene	11.66	112	130409	52.367	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45681	51.337	ug/l	99
67) Ethyl Benzene	11.73	91	238660	55.848	ug/l	95
68) m/p-Xylenes	11.84	106	183583	110.746	ug/l	98
69) o-Xylene	12.17	106	87248	56.149	ug/l	99
70) Styrene	12.18	104	141597	55.436	ug/l	99
71) Bromoform	12.35	173	20817	45.065	ug/l #	98
73) Isopropylbenzene	12.47	105	247050	56.376	ug/l	99
74) N-amyl acetate	12.27	43	45739	60.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36146	55.014	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	28369m	63.312	ug/l	
77) Bromobenzene	12.75	156	53171	52.944	ug/l	97
78) n-propylbenzene	12.80	91	282211	55.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	164256	55.274	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	211791	56.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11769	55.132	ug/l	97
82) 4-Chlorotoluene	12.99	91	173502	54.834	ug/l	100
83) tert-Butylbenzene	13.21	119	186925	56.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	216249	56.696	ug/l	99
85) sec-Butylbenzene	13.39	105	255625	55.924	ug/l	100
86) p-Isopropyltoluene	13.51	119	232310	55.892	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105943	53.131	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106803	53.547	ug/l	99
89) n-Butylbenzene	13.83	91	217220	57.000	ug/l	99
90) Hexachloroethane	14.10	117	33645	46.108	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	94580	52.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6782	50.262	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007797.D
Acq On : 21 Dec 2018 16:01
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
12/26/2018 10:58:47 AM

Quant Time: Dec 22 00:04:54 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	68070	54.928	ug/l	99
94) Hexachlorobutadiene	15.24	225	37424	56.507	ug/l	98
95) Naphthalene	15.37	128	136434	59.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	57878	54.560	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007797.D
Acq On : 21 Dec 2018 16:01
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
12/26/2018 10:58:47 AM

Quant Time: Dec 22 00:04:54 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

