

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007821.D
 Acq On : 22 Dec 2018 03:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:36 AM

Quant Time: Dec 22 05:42:42 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	69977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43522	56.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.48%	
35) Dibromofluoromethane	7.88	113	38685	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.32	98	148884	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.62	95	58278	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25656	41.242	ug/l	98
3) Chloromethane	2.21	50	24847	65.045	ug/l	95
4) Vinyl Chloride	2.37	62	28509	58.628	ug/l	98
5) Bromomethane	2.78	94	20539	60.643	ug/l	93
6) Chloroethane	2.93	64	16471	63.314	ug/l	100
7) Trichlorofluoromethane	3.25	101	21781	43.024	ug/l	96
8) Diethyl Ether	3.68	74	20161	65.018	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35263	47.296	ug/l	99
10) Methyl Iodide	4.26	142	60987	51.436	ug/l	97
11) Tert butyl alcohol	5.17	59	16170	312.531	ug/l	99
12) 1,1-Dichloroethene	4.03	96	34544	50.034	ug/l	99
13) Acrolein	3.89	56	8495	205.351	ug/l	99
14) Allyl chloride	4.66	41	51724	57.130	ug/l	92
15) Acrylonitrile	5.36	53	41689	315.178	ug/l	99
16) Acetone	4.12	43	34728	241.798	ug/l	99
17) Carbon Disulfide	4.37	76	99330	46.492	ug/l	99
18) Methyl Acetate	4.67	43	24734	72.413	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	63025	63.586	ug/l	94
20) Methylene Chloride	4.91	84	39253	55.321	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	40259	53.020	ug/l	91
22) Diisopropyl ether	6.31	45	103600	61.111	ug/l	99
23) Vinyl Acetate	6.25	43	300880	298.724	ug/l	96
24) 1,1-Dichloroethane	6.21	63	69612	55.817	ug/l	99
25) 2-Butanone	7.17	43	50222	298.539	ug/l	98
26) 2,2-Dichloropropane	7.17	77	41337	45.295	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	45652	56.432	ug/l	97
28) Bromochloromethane	7.51	49	25435	59.816	ug/l	96
29) Tetrahydrofuran	7.52	42	33621	335.057	ug/l	97
30) Chloroform	7.68	83	76340	54.089	ug/l	96
31) Cyclohexane	7.95	56	56483	49.471	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	63170	49.143	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55789	48.959	ug/l	99
37) Ethyl Acetate	7.25	43	23621	60.064	ug/l	98
38) Carbon Tetrachloride	8.07	117	57499	42.846	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007821.D
 Acq On : 22 Dec 2018 03:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:36 AM

Quant Time: Dec 22 05:42:42 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	68968	48.707	ug/l	98
40) Benzene	8.32	78	158167	52.016	ug/l	100
41) Methacrylonitrile	7.48	41	14285	63.979	ug/l	93
42) 1,2-Dichloroethane	8.40	62	52884	51.897	ug/l	99
43) Isopropyl Acetate	8.43	43	48462	61.509	ug/l	96
44) Trichloroethene	9.09	130	46327	50.379	ug/l	99
45) 1,2-Dichloropropane	9.37	63	37565	55.675	ug/l	97
46) Dibromomethane	9.46	93	22035	53.053	ug/l	99
47) Bromodichloromethane	9.64	83	54881	50.262	ug/l	98
48) Methyl methacrylate	9.43	41	24458	62.191	ug/l	98
49) 1,4-Dioxane	9.45	88	8123	1233.566	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	113595	305.076	ug/l	99
52) Toluene	10.39	92	106969	52.432	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	58075	53.473	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	62833	52.377	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31823	55.578	ug/l	97
56) Ethyl methacrylate	10.65	69	41582	61.466	ug/l	97
57) 1,3-Dichloropropane	10.93	76	53535	56.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	104931	339.722	ug/l	98
59) 2-Hexanone	10.97	43	80070	305.771	ug/l	99
60) Dibromochloromethane	11.13	129	37523	49.494	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31776	54.802	ug/l	100
64) Tetrachloroethene	10.86	164	40549	52.759	ug/l	98
65) Chlorobenzene	11.66	112	119059	50.681	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42214	50.291	ug/l	98
67) Ethyl Benzene	11.73	91	207079	51.369	ug/l	99
68) m/p-Xylenes	11.84	106	158831	101.570	ug/l	99
69) o-Xylene	12.17	106	76875	52.445	ug/l	100
70) Styrene	12.18	104	128598	53.371	ug/l	99
71) Bromoform	12.35	173	20572	47.210	ug/l #	98
73) Isopropylbenzene	12.47	105	213939	52.599	ug/l	100
74) N-amyl acetate	12.27	43	43905	62.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	35512	58.232	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	26647m	64.072	ug/l	
77) Bromobenzene	12.75	156	49567	53.176	ug/l	96
78) n-propylbenzene	12.80	91	244553	51.652	ug/l	99
79) 2-Chlorotoluene	12.90	91	145870	52.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	184273	52.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10295	51.960	ug/l	99
82) 4-Chlorotoluene	12.99	91	155725	53.025	ug/l	99
83) tert-Butylbenzene	13.21	119	161105	52.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	189269	53.463	ug/l	99
85) sec-Butylbenzene	13.39	105	220159	51.894	ug/l	99
86) p-Isopropyltoluene	13.50	119	198707	51.508	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	95794	51.760	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97466	52.648	ug/l	100
89) n-Butylbenzene	13.83	91	180238	50.956	ug/l	99
90) Hexachloroethane	14.10	117	30964	45.719	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	88011	53.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6535	52.181	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007821.D
Acq On : 22 Dec 2018 03:12
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/26/2018 10:59:36 AM

Quant Time: Dec 22 05:42:42 2018
Quant Method : Z:\V0ASRV\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	60441	52.547	ug/l	99
94) Hexachlorobutadiene	15.24	225	30504	49.624	ug/l	99
95) Naphthalene	15.37	128	126765	59.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52984	53.813	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007821.D
 Acq On : 22 Dec 2018 03:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:36 AM

Quant Time: Dec 22 05:42:42 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

