

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012074.D
 Acq On : 21 Aug 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 06:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146687	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.88	113	122297	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
50) Toluene-d8	10.32	98	495299	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
62) 4-Bromofluorobenzene	12.62	95	175438	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	72554	52.736	ug/l	96
3) Chloromethane	2.21	50	114209	47.873	ug/l	97
4) Vinyl Chloride	2.36	62	147063	51.203	ug/l	99
5) Bromomethane	2.77	94	78156	49.161	ug/l	95
6) Chloroethane	2.92	64	87144	53.116	ug/l	96
7) Trichlorofluoromethane	3.25	101	78680	61.296	ug/l	100
8) Diethyl Ether	3.68	74	74808	51.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137022	56.272	ug/l	99
10) Methyl Iodide	4.27	142	182593	53.063	ug/l	100
11) Tert butyl alcohol	5.17	59	48121	228.492	ug/l	99
12) 1,1-Dichloroethene	4.04	96	138128	53.726	ug/l	99
13) Acrolein	3.89	56	40249	197.885	ug/l	99
14) Allyl chloride	4.67	41	293879	53.743	ug/l	100
15) Acrylonitrile	5.36	53	188694	259.728	ug/l	99
16) Acetone	4.12	43	197397	218.917	ug/l	100
17) Carbon Disulfide	4.39	76	388985	48.341	ug/l	99
18) Methyl Acetate	4.67	43	100712	49.718	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	221406	54.269	ug/l	96
20) Methylene Chloride	4.92	84	147681	47.489	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	146394	52.816	ug/l	99
22) Diisopropyl ether	6.31	45	546422	53.002	ug/l	98
23) Vinyl Acetate	6.25	43	1717728	265.161	ug/l	100
24) 1,1-Dichloroethane	6.21	63	294116	53.268	ug/l	98
25) 2-Butanone	7.17	43	277346	235.059	ug/l	99
26) 2,2-Dichloropropane	7.17	77	166457	49.021	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	158308	51.894	ug/l	99
28) Bromochloromethane	7.51	49	125933	51.385	ug/l	100
29) Tetrahydrofuran	7.53	42	172542	255.830	ug/l	99
30) Chloroform	7.67	83	267285	52.471	ug/l	97
31) Cyclohexane	7.95	56	271893	51.299	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	213520	55.040	ug/l	99
36) 1,1-Dichloropropene	8.08	75	225978	56.095	ug/l	99
37) Ethyl Acetate	7.25	43	119725	51.657	ug/l	98
38) Carbon Tetrachloride	8.07	117	195965	56.824	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012074.D
 Acq On : 21 Aug 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 06:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255949	57.700	ug/l	98
40) Benzene	8.32	78	610848	54.134	ug/l	99
41) Methacrylonitrile	7.48	41	75521	54.510	ug/l	98
42) 1,2-Dichloroethane	8.40	62	187712	53.133	ug/l	99
43) Isopropyl Acetate	8.42	43	229674	53.883	ug/l	99
44) Trichloroethene	9.09	130	149876	55.262	ug/l	99
45) 1,2-Dichloropropane	9.37	63	164315	54.423	ug/l	99
46) Dibromomethane	9.46	93	73783	53.542	ug/l	99
47) Bromodichloromethane	9.64	83	196878	54.465	ug/l	99
48) Methyl methacrylate	9.43	41	110690	54.061	ug/l	97
49) 1,4-Dioxane	9.45	88	21217	1063.349	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	591070	266.597	ug/l	100
52) Toluene	10.38	92	375843	55.154	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204714	54.214	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	246364	54.874	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	103090	52.725	ug/l	99
56) Ethyl methacrylate	10.65	69	159518	55.754	ug/l	98
57) 1,3-Dichloropropane	10.93	76	197807	53.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	397789	306.213	ug/l	100
59) 2-Hexanone	10.97	43	414589	264.844	ug/l	99
60) Dibromochloromethane	11.13	129	119750	55.176	ug/l	100
61) 1,2-Dibromoethane	11.23	107	98899	53.450	ug/l	99
64) Tetrachloroethene	10.86	164	121522	55.789	ug/l	98
65) Chlorobenzene	11.66	112	372592	55.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130691	55.785	ug/l	99
67) Ethyl Benzene	11.73	91	730663	57.040	ug/l	100
68) m/p-Xylenes	11.84	106	531251	114.039	ug/l	98
69) o-Xylene	12.16	106	246621	56.970	ug/l	100
70) Styrene	12.18	104	427035	57.053	ug/l	100
71) Bromoform	12.35	173	66055	55.299	ug/l #	97
73) Isopropylbenzene	12.46	105	688418	57.831	ug/l	100
74) N-amyl acetate	12.27	43	213201	57.207	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	124565	55.631	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	85766m	50.798	ug/l	
77) Bromobenzene	12.74	156	146342	55.619	ug/l	99
78) n-propylbenzene	12.80	91	845021	58.329	ug/l	100
79) 2-Chlorotoluene	12.89	91	471798	56.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	577941	57.919	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42205	57.610	ug/l	98
82) 4-Chlorotoluene	12.99	91	494479	56.468	ug/l	100
83) tert-Butylbenzene	13.21	119	496539	59.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	572571	56.962	ug/l	100
85) sec-Butylbenzene	13.38	105	706417	59.331	ug/l	100
86) p-Isopropyltoluene	13.50	119	630521	58.366	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	286684	55.569	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	286029	55.734	ug/l	100
89) n-Butylbenzene	13.82	91	637274	59.113	ug/l	100
90) Hexachloroethane	14.09	117	110485	57.838	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	253896	55.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20324	53.228	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
Data File : VW012074.D
Acq On : 21 Aug 2019 16:16
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Aug 22 06:34:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	182644	56.795	ug/l	98
94) Hexachlorobutadiene	15.24	225	118830	59.253	ug/l	99
95) Naphthalene	15.37	128	336308	53.248	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	161098	57.150	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012074.D
 Acq On : 21 Aug 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 06:34:38 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

