

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012486.D
 Acq On : 02 Sep 2019 08:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:45:01 AM

Quant Time: Sep 02 09:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	268288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113326	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.88	113	85436	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.32	98	348234	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	122199	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55951	52.636	ug/l	99
3) Chloromethane	2.21	50	88251	53.587	ug/l	99
4) Vinyl Chloride	2.36	62	102573	50.887	ug/l	97
5) Bromomethane	2.72	94	46123m	45.182	ug/l	
6) Chloroethane	2.89	64	58176	51.162	ug/l	92
7) Trichlorofluoromethane	3.24	101	55170	54.508	ug/l	100
8) Diethyl Ether	3.68	74	52684	54.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97152	56.470	ug/l	98
10) Methyl Iodide	4.26	142	125679	53.991	ug/l	97
11) Tert butyl alcohol	5.17	59	45607	369.283	ug/l	98
12) 1,1-Dichloroethene	4.03	96	94434	54.535	ug/l	96
13) Acrolein	3.89	56	17140	147.435	ug/l	98
14) Allyl chloride	4.66	41	195861	52.908	ug/l	99
15) Acrylonitrile	5.36	53	153443	322.231	ug/l	99
16) Acetone	4.12	43	141006	268.793	ug/l	96
17) Carbon Disulfide	4.38	76	260851	49.845	ug/l	98
18) Methyl Acetate	4.66	43	104094	80.114	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	173281	61.879	ug/l	99
20) Methylene Chloride	4.91	84	99549	50.197	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	98283	52.928	ug/l	99
22) Diisopropyl ether	6.31	45	378144	55.108	ug/l	98
23) Vinyl Acetate	6.25	43	1119288	265.050	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201083	53.820	ug/l	99
25) 2-Butanone	7.17	43	217774	305.494	ug/l	100
26) 2,2-Dichloropropane	7.17	77	104220	49.283	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	108151	54.513	ug/l	99
28) Bromochloromethane	7.51	49	82833	50.867	ug/l	97
29) Tetrahydrofuran	7.52	42	141889	331.761	ug/l	98
30) Chloroform	7.67	83	187479	54.847	ug/l	99
31) Cyclohexane	7.95	56	188432	50.976	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	158952	58.782	ug/l	99
36) 1,1-Dichloropropene	8.08	75	156466	56.436	ug/l	100
37) Ethyl Acetate	7.25	43	94109	61.944	ug/l	99
38) Carbon Tetrachloride	8.07	117	143240	59.693	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012486.D
 Acq On : 02 Sep 2019 08:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:45:01 AM

Quant Time: Sep 02 09:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180410	57.924	ug/l	99
40) Benzene	8.32	78	417118	55.099	ug/l	99
41) Methacrylonitrile	7.48	41	60737	68.021	ug/l	96
42) 1,2-Dichloroethane	8.40	62	142009	59.853	ug/l	100
43) Isopropyl Acetate	8.42	43	174306	61.939	ug/l	100
44) Trichloroethene	9.09	130	103116	56.031	ug/l	94
45) 1,2-Dichloropropane	9.37	63	110057	54.018	ug/l	97
46) Dibromomethane	9.46	93	54309	59.910	ug/l	98
47) Bromodichloromethane	9.64	83	138525	57.417	ug/l	99
48) Methyl methacrylate	9.43	41	87464	65.301	ug/l	99
49) 1,4-Dioxane	9.45	88	21220	1529.088	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	474833	331.735	ug/l	100
52) Toluene	10.38	92	255641	56.211	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	139945	56.945	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	161665	54.482	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	74734	58.268	ug/l	99
56) Ethyl methacrylate	10.65	69	117840	63.128	ug/l	99
57) 1,3-Dichloropropane	10.93	76	144784	59.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	297373	310.402	ug/l	100
59) 2-Hexanone	10.97	43	329636	325.476	ug/l	99
60) Dibromochloromethane	11.13	129	85660	59.962	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73071	61.153	ug/l	99
64) Tetrachloroethene	10.86	164	97833	64.412	ug/l	96
65) Chlorobenzene	11.66	112	254396	55.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	92633	57.561	ug/l	99
67) Ethyl Benzene	11.73	91	502496	56.548	ug/l	99
68) m/p-Xylenes	11.84	106	358186	111.901	ug/l	100
69) o-Xylene	12.16	106	166814	56.308	ug/l	98
70) Styrene	12.18	104	291150	56.778	ug/l	99
71) Bromoform	12.35	173	51040	63.657	ug/l #	99
73) Isopropylbenzene	12.46	105	479481	56.961	ug/l	99
74) N-amyl acetate	12.27	43	152212	59.850	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	93580	60.640	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66136m	60.448	ug/l	
77) Bromobenzene	12.74	156	104496	57.382	ug/l	98
78) n-propylbenzene	12.80	91	571839	55.647	ug/l	99
79) 2-Chlorotoluene	12.89	91	324984	55.702	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	400356	56.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28953	58.021	ug/l	100
82) 4-Chlorotoluene	12.99	91	337992	55.328	ug/l	99
83) tert-Butylbenzene	13.21	119	354045	59.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	394760	55.871	ug/l	100
85) sec-Butylbenzene	13.38	105	492909	57.744	ug/l	100
86) p-Isopropyltoluene	13.50	119	434291	56.969	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	194910	54.720	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190869	53.967	ug/l	99
89) n-Butylbenzene	13.82	91	412296	54.386	ug/l	100
90) Hexachloroethane	14.09	117	77212	57.729	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	179919	57.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17431	67.001	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012486.D
Acq On : 02 Sep 2019 08:50
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:45:01 AM

Quant Time: Sep 02 09:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	118667	54.954	ug/l	99
94) Hexachlorobutadiene	15.24	225	84116	58.994	ug/l	100
95) Naphthalene	15.36	128	248642	57.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	109297	58.013	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012486.D
 Acd On : 02 Sep 2019 08:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:45:01 AM

Quant Time: Sep 02 09:36:57 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

