

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012813.D
 Acq On : 09 Sep 2019 11:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:38 AM

Quant Time: Sep 09 13:27:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136274	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.88	113	113255	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.32	98	460680	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.62	95	158403	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64270	46.130	ug/l	97
3) Chloromethane	2.21	50	77069	45.516	ug/l	93
4) Vinyl Chloride	2.35	62	104157	50.170	ug/l	98
5) Bromomethane	2.78	94	61605	54.645	ug/l	99
6) Chloroethane	2.92	64	64643	52.178	ug/l	99
7) Trichlorofluoromethane	3.25	101	71370	49.816	ug/l	88
8) Diethyl Ether	3.68	74	61824	51.344	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111953	49.795	ug/l	99
10) Methyl Iodide	4.27	142	145321	51.345	ug/l	98
11) Tert butyl alcohol	5.20	59	53361	242.879	ug/l	100
12) 1,1-Dichloroethene	4.04	96	104447	49.213	ug/l	95
13) Acrolein	3.90	56	55873	239.649	ug/l	97
14) Allyl chloride	4.66	41	214534	48.864	ug/l	99
15) Acrylonitrile	5.37	53	169602	241.153	ug/l	100
16) Acetone	4.13	43	205822	262.918	ug/l	97
17) Carbon Disulfide	4.38	76	209892	46.591	ug/l	99
18) Methyl Acetate	4.67	43	84430	45.969	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	224338	53.298	ug/l	96
20) Methylene Chloride	4.91	84	118058	48.204	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	110707	51.122	ug/l	92
22) Diisopropyl ether	6.31	45	442673	50.837	ug/l	97
23) Vinyl Acetate	6.25	43	1432494	259.580	ug/l	100
24) 1,1-Dichloroethane	6.21	63	238078	50.778	ug/l	99
25) 2-Butanone	7.17	43	256413	224.623	ug/l	99
26) 2,2-Dichloropropane	7.16	77	155126	52.384	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	133082	53.000	ug/l	96
28) Bromochloromethane	7.51	49	104334	48.463	ug/l	91
29) Tetrahydrofuran	7.53	42	150973	238.817	ug/l	97
30) Chloroform	7.67	83	235311	50.641	ug/l	98
31) Cyclohexane	7.95	56	191322	45.326	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	193362	51.336	ug/l	99
36) 1,1-Dichloropropene	8.08	75	172802	50.901	ug/l	99
37) Ethyl Acetate	7.25	43	109594	50.641	ug/l	100
38) Carbon Tetrachloride	8.07	117	172728	51.615	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012813.D
 Acq On : 09 Sep 2019 11:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:38 AM

Quant Time: Sep 09 13:27:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191090	50.117	ug/l	96
40) Benzene	8.32	78	484064	51.392	ug/l	100
41) Methacrylonitrile	7.48	41	64697	44.440	ug/l	95
42) 1,2-Dichloroethane	8.40	62	163639	49.364	ug/l	98
43) Isopropyl Acetate	8.42	43	210198	51.267	ug/l	98
44) Trichloroethene	9.09	130	128515	52.931	ug/l	94
45) 1,2-Dichloropropane	9.37	63	133287	51.020	ug/l	100
46) Dibromomethane	9.46	93	65543	52.982	ug/l	99
47) Bromodichloromethane	9.64	83	176935	51.986	ug/l	98
48) Methyl methacrylate	9.43	41	98744	50.395	ug/l	100
49) 1,4-Dioxane	9.47	88	22950	939.191	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	544810	253.230	ug/l	98
52) Toluene	10.38	92	310603	52.834	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187854	53.677	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213200	53.701	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	100347	54.181	ug/l	98
56) Ethyl methacrylate	10.65	69	149312	55.075	ug/l	95
57) 1,3-Dichloropropane	10.93	76	175519	51.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	370644	257.527	ug/l	97
59) 2-Hexanone	10.97	43	402955	256.365	ug/l	99
60) Dibromochloromethane	11.13	129	116870	53.655	ug/l	100
61) 1,2-Dibromoethane	11.23	107	91085	53.644	ug/l	99
64) Tetrachloroethene	10.86	164	107482	53.907	ug/l	98
65) Chlorobenzene	11.66	112	332224	53.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	126761	54.807	ug/l	100
67) Ethyl Benzene	11.73	91	626330	53.751	ug/l	100
68) m/p-Xylenes	11.84	106	456521	108.539	ug/l	99
69) o-Xylene	12.16	106	215537	54.318	ug/l	98
70) Styrene	12.18	104	388313	55.379	ug/l	99
71) Bromoform	12.35	173	70764	55.070	ug/l	99
73) Isopropylbenzene	12.46	105	623027	54.233	ug/l	99
74) N-amyl acetate	12.27	43	192813	52.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117505	50.932	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	96460m	58.895	ug/l	
77) Bromobenzene	12.74	156	142414	54.718	ug/l	95
78) n-propylbenzene	12.80	91	737151	53.652	ug/l	99
79) 2-Chlorotoluene	12.89	91	420455	53.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	525290	54.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40610	52.443	ug/l	99
82) 4-Chlorotoluene	12.99	91	441936	52.970	ug/l	99
83) tert-Butylbenzene	13.21	119	456433	53.326	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	522753	53.593	ug/l	99
85) sec-Butylbenzene	13.38	105	631426	53.163	ug/l	99
86) p-Isopropyltoluene	13.50	119	582653	53.707	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	272261	53.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	270772	53.192	ug/l	99
89) n-Butylbenzene	13.82	91	557400	52.923	ug/l	99
90) Hexachloroethane	14.09	117	101997	53.855	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	246264	53.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22036	52.192	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012813.D
Acq On : 09 Sep 2019 11:28
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/11/2019 8:15:38 AM

Quant Time: Sep 09 13:27:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	186420	58.152	ug/l	96
94) Hexachlorobutadiene	15.24	225	118410	53.364	ug/l	99
95) Naphthalene	15.36	128	347817	51.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	165241	58.395	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012813.D
 Acq On : 09 Sep 2019 11:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:38 AM

Quant Time: Sep 09 13:27:29 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

