

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012906.D
 Acq On : 11 Sep 2019 10:04
 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
 9/13/2019 1:32:22 AM

Quant Time: Sep 11 12:39:04 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	192818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	273282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94298	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	78376	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.32	98	314631	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	110011	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52920	50.626	ug/l	98
3) Chloromethane	2.21	50	61413	48.343	ug/l	96
4) Vinyl Chloride	2.35	62	83751	53.768	ug/l	99
5) Bromomethane	2.78	94	50548	59.762	ug/l	98
6) Chloroethane	2.92	64	51513	55.420	ug/l	94
7) Trichlorofluoromethane	3.26	101	58507	54.431	ug/l	98
8) Diethyl Ether	3.68	74	44181	48.905	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91253	54.098	ug/l	97
10) Methyl Iodide	4.27	142	115465	54.375	ug/l	99
11) Tert butyl alcohol	5.15	59	36301	220.225	ug/l	99
12) 1,1-Dichloroethene	4.04	96	82143	51.587	ug/l	97
13) Acrolein	3.89	56	31053	177.526	ug/l	99
14) Allyl chloride	4.66	41	156349	47.465	ug/l	97
15) Acrylonitrile	5.37	53	120545	228.452	ug/l	100
16) Acetone	4.12	43	146144	248.825	ug/l	98
17) Carbon Disulfide	4.38	76	161546	47.795	ug/l	98
18) Methyl Acetate	4.67	43	57517	41.740	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	164922	52.225	ug/l	98
20) Methylene Chloride	4.92	84	92278	50.219	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	84815	52.202	ug/l	92
22) Diisopropyl ether	6.31	45	323571	49.528	ug/l	96
23) Vinyl Acetate	6.25	43	998147	241.078	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181034	51.464	ug/l	99
25) 2-Butanone	7.16	43	181736	213.285	ug/l	99
26) 2,2-Dichloropropane	7.16	77	123845	55.742	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	101429	53.840	ug/l	98
28) Bromochloromethane	7.51	49	76986	47.662	ug/l	87
29) Tetrahydrofuran	7.52	42	100797	212.519	ug/l	96
30) Chloroform	7.67	83	181915	52.181	ug/l	96
31) Cyclohexane	7.95	56	145712	46.011	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	152173	53.849	ug/l	99
36) 1,1-Dichloropropene	8.08	75	134337	55.324	ug/l	99
37) Ethyl Acetate	7.25	43	71601	46.257	ug/l	98
38) Carbon Tetrachloride	8.07	117	137361	57.387	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012906.D
 Acq On : 11 Sep 2019 10:04
 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
 9/13/2019 1:32:22 AM

Quant Time: Sep 11 12:39:04 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	146823	53.837	ug/l	96
40) Benzene	8.32	78	366914	54.462	ug/l	99
41) Methacrylonitrile	7.48	41	46472	44.614	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126628	53.407	ug/l	99
43) Isopropyl Acetate	8.42	43	141154	48.133	ug/l	97
44) Trichloroethene	9.09	130	99972	57.568	ug/l	93
45) 1,2-Dichloropropane	9.37	63	97905	52.397	ug/l	98
46) Dibromomethane	9.46	93	47836	54.063	ug/l	96
47) Bromodichloromethane	9.64	83	136708	56.158	ug/l	97
48) Methyl methacrylate	9.43	41	67523	48.180	ug/l	99
49) 1,4-Dioxane	9.45	88	14917	853.483	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	361186	234.717	ug/l	99
52) Toluene	10.38	92	236736	56.301	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	136769	54.638	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158340	55.760	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72658	54.849	ug/l	95
56) Ethyl methacrylate	10.65	69	101637	52.415	ug/l	97
57) 1,3-Dichloropropane	10.93	76	128666	52.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	243061	236.115	ug/l	96
59) 2-Hexanone	10.97	43	269017	239.289	ug/l	98
60) Dibromochloromethane	11.13	129	87829	56.375	ug/l	99
61) 1,2-Dibromoethane	11.23	107	65917	54.276	ug/l	98
64) Tetrachloroethene	10.86	164	84683	59.002	ug/l	98
65) Chlorobenzene	11.65	112	252305	56.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	97318	58.453	ug/l	99
67) Ethyl Benzene	11.73	91	480081	57.234	ug/l	98
68) m/p-Xylenes	11.84	106	352843	116.539	ug/l	99
69) o-Xylene	12.16	106	165030	57.775	ug/l	98
70) Styrene	12.18	104	293460	58.140	ug/l	99
71) Bromoform	12.35	173	51733	55.928	ug/l #	98
73) Isopropylbenzene	12.46	105	484706	56.666	ug/l	99
74) N-amyl acetate	12.27	43	129704	47.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	83529	48.624	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	66499m	54.529	ug/l	
77) Bromobenzene	12.74	156	109961	56.741	ug/l	93
78) n-propylbenzene	12.80	91	568721	55.592	ug/l	99
79) 2-Chlorotoluene	12.89	91	322450	54.904	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	411347	57.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28841	50.021	ug/l	100
82) 4-Chlorotoluene	12.99	91	340219	54.766	ug/l	99
83) tert-Butylbenzene	13.21	119	363960	57.108	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	406806	56.012	ug/l	100
85) sec-Butylbenzene	13.38	105	499501	56.481	ug/l	99
86) p-Isopropyltoluene	13.50	119	458073	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	215438	56.559	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	214301	56.539	ug/l	98
89) n-Butylbenzene	13.82	91	432161	55.106	ug/l	99
90) Hexachloroethane	14.09	117	78915	55.960	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	189914	55.394	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14806	47.097	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091119\
Data File : VW012906.D
Acq On : 11 Sep 2019 10:04
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
9/13/2019 1:32:22 AM

Quant Time: Sep 11 12:39:04 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	139688	58.521	ug/l	98
94) Hexachlorobutadiene	15.23	225	93881	56.822	ug/l	98
95) Naphthalene	15.36	128	239753	48.101	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	122248	58.021	ug/l	99

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

