

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009134.D
 Acq On : 13 Mar 2019 03:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 3:12:37 PM

Quant Time: Mar 13 07:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134520	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
35) Dibromofluoromethane	7.88	113	111428	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	471311	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	183529	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	96704	40.894	ug/l	96
3) Chloromethane	2.21	50	149038	49.612	ug/l	99
4) Vinyl Chloride	2.35	62	139081	45.621	ug/l	100
5) Bromomethane	2.77	94	152807	59.379	ug/l	100
6) Chloroethane	2.92	64	112027	51.617	ug/l	98
7) Trichlorofluoromethane	3.26	101	177470	45.212	ug/l	96
8) Diethyl Ether	3.68	74	64641	53.858	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109000	44.586	ug/l	100
10) Methyl Iodide	4.27	142	120101	45.590	ug/l	99
11) Tert butyl alcohol	5.21	59	47315	261.549	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	96642	45.828	ug/l	97
13) Acrolein	3.90	56	47739	239.814	ug/l	97
14) Allyl chloride	4.67	41	183245	49.262	ug/l	98
15) Acrylonitrile	5.37	53	152256	290.656	ug/l	99
16) Acetone	4.14	43	130851	245.629	ug/l	97
17) Carbon Disulfide	4.38	76	323376	45.576	ug/l	98
18) Methyl Acetate	4.67	43	72560	59.233	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	312423	56.005	ug/l	99
20) Methylene Chloride	4.92	84	135540	54.584	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	119973	49.271	ug/l	96
22) Diisopropyl ether	6.31	45	411211	55.627	ug/l	99
23) Vinyl Acetate	6.26	43	1261348	274.197	ug/l	99
24) 1,1-Dichloroethane	6.21	63	222862	51.977	ug/l	97
25) 2-Butanone	7.17	43	200327	272.099	ug/l	94
26) 2,2-Dichloropropane	7.17	77	169594	43.515	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132632	50.717	ug/l	99
28) Bromochloromethane	7.51	49	101944	57.161	ug/l	96
29) Tetrahydrofuran	7.53	42	134124	289.090	ug/l	99
30) Chloroform	7.67	83	230130	52.132	ug/l	100
31) Cyclohexane	7.95	56	186809	42.432	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	200105	49.120	ug/l	100
36) 1,1-Dichloropropene	8.08	75	168505	44.893	ug/l	99
37) Ethyl Acetate	7.25	43	91310	51.791	ug/l	100
38) Carbon Tetrachloride	8.07	117	174825	45.100	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009134.D
 Acq On : 13 Mar 2019 03:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 3:12:37 PM

Quant Time: Mar 13 07:06:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199199	44.557	ug/l	97
40) Benzene	8.32	78	494470	49.349	ug/l	98
41) Methacrylonitrile	7.48	41	57625	58.858	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	167682	51.837	ug/l	99
43) Isopropyl Acetate	8.42	43	182074	55.449	ug/l	97
44) Trichloroethene	9.09	130	130397	46.433	ug/l	99
45) 1,2-Dichloropropane	9.37	63	128731	51.297	ug/l	100
46) Dibromomethane	9.46	93	71334	52.048	ug/l	100
47) Bromodichloromethane	9.64	83	177749	51.234	ug/l	99
48) Methyl methacrylate	9.43	41	85206	55.727	ug/l	91
49) 1,4-Dioxane	9.46	88	22772	1160.305	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	485448	291.210	ug/l	100
52) Toluene	10.38	92	346847	51.042	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	177831	51.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	197005	49.962	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98178	52.852	ug/l	97
56) Ethyl methacrylate	10.65	69	134293	58.250	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176038	53.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	331802	277.620	ug/l	100
59) 2-Hexanone	10.97	43	342461	292.191	ug/l	99
60) Dibromochloromethane	11.13	129	122498	53.286	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95372	52.371	ug/l	100
64) Tetrachloroethene	10.86	164	132467	52.034	ug/l	96
65) Chlorobenzene	11.66	112	385309	50.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	132166	51.515	ug/l	99
67) Ethyl Benzene	11.73	91	697004	50.212	ug/l	99
68) m/p-Xylenes	11.84	106	544798	99.432	ug/l	100
69) o-Xylene	12.16	106	257343	50.479	ug/l	100
70) Styrene	12.18	104	430563	52.200	ug/l	100
71) Bromoform	12.35	173	76061	55.214	ug/l #	97
73) Isopropylbenzene	12.47	105	703800	49.724	ug/l	100
74) N-amyl acetate	12.27	43	192798	57.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121923	54.609	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	88935m	56.951	ug/l	
77) Bromobenzene	12.75	156	166435	51.464	ug/l	97
78) n-propylbenzene	12.80	91	859452	49.297	ug/l	100
79) 2-Chlorotoluene	12.90	91	499907	51.035	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	612176	50.176	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36378	52.105	ug/l	99
82) 4-Chlorotoluene	12.99	91	524440	50.227	ug/l	100
83) tert-Butylbenzene	13.21	119	546964	53.156	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	628292	50.907	ug/l	100
85) sec-Butylbenzene	13.38	105	752373	49.350	ug/l	100
86) p-Isopropyltoluene	13.50	119	667211	48.922	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	339935	50.016	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	336162	50.049	ug/l	100
89) n-Butylbenzene	13.83	91	627399	48.390	ug/l	99
90) Hexachloroethane	14.10	117	121658	51.721	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	311293	51.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23894	60.088	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
Data File : VW009134.D
Acq On : 13 Mar 2019 03:36
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/14/2019 3:12:37 PM

Quant Time: Mar 13 07:06:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	201497	49.756	ug/l	99
94) Hexachlorobutadiene	15.24	225	121595	47.936	ug/l	99
95) Naphthalene	15.37	128	381510	57.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	185262	52.025	ug/l	98

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

