

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008937.D
 Acq On : 01 Mar 2019 22:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 4:05:18 AM

Quant Time: Mar 02 05:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	128738	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	115663	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
50) Toluene-d8	10.32	98	455359	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.62	95	175786	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112305	46.512	ug/l	98
3) Chloromethane	2.21	50	145960	49.661	ug/l	99
4) Vinyl Chloride	2.35	62	142430	45.769	ug/l	99
5) Bromomethane	2.76	94	119191	51.567	ug/l	97
6) Chloroethane	2.91	64	103084	46.649	ug/l	99
7) Trichlorofluoromethane	3.26	101	192247	48.846	ug/l	100
8) Diethyl Ether	3.68	74	63550	51.002	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	115497	48.324	ug/l	98
10) Methyl Iodide	4.27	142	122324	40.929	ug/l	96
11) Tert butyl alcohol	5.18	59	46272	229.872	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	100490	47.609	ug/l	97
13) Acrolein	3.90	56	54830	257.588	ug/l	99
14) Allyl chloride	4.67	41	186458	51.183	ug/l	99
15) Acrylonitrile	5.37	53	148048	276.852	ug/l	100
16) Acetone	4.12	43	127951	244.137	ug/l	98
17) Carbon Disulfide	4.38	76	334983	47.833	ug/l	100
18) Methyl Acetate	4.68	43	68472	55.082	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	305509	53.474	ug/l	99
20) Methylene Chloride	4.92	84	137487	53.623	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	124360	50.934	ug/l	91
22) Diisopropyl ether	6.31	45	389950	53.659	ug/l	96
23) Vinyl Acetate	6.26	43	1191260	265.313	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221017	52.484	ug/l	98
25) 2-Butanone	7.17	43	189227	258.253	ug/l	99
26) 2,2-Dichloropropane	7.16	77	170402	44.571	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	135358	51.826	ug/l	97
28) Bromochloromethane	7.51	49	91799	52.093	ug/l	98
29) Tetrahydrofuran	7.52	42	126078	270.009	ug/l	99
30) Chloroform	7.68	83	233676	54.090	ug/l	100
31) Cyclohexane	7.95	56	198873	46.655	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	200479	51.029	ug/l	97
36) 1,1-Dichloropropene	8.09	75	173093	50.636	ug/l	99
37) Ethyl Acetate	7.26	43	82240	51.736	ug/l	98
38) Carbon Tetrachloride	8.07	117	179185	49.705	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008937.D
 Acq On : 01 Mar 2019 22:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 4:05:18 AM

Quant Time: Mar 02 05:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208318	48.858	ug/l	97
40) Benzene	8.32	78	498217	53.381	ug/l	99
41) Methacrylonitrile	7.49	41	47847	51.207	ug/l	94
42) 1,2-Dichloroethane	8.40	62	158963	53.767	ug/l	99
43) Isopropyl Acetate	8.42	43	167993	52.952	ug/l	99
44) Trichloroethene	9.09	130	135755	51.633	ug/l	99
45) 1,2-Dichloropropane	9.37	63	125432	54.385	ug/l	98
46) Dibromomethane	9.46	93	69600	54.253	ug/l	97
47) Bromodichloromethane	9.65	83	172274	55.193	ug/l	97
48) Methyl methacrylate	9.43	41	80302	52.849	ug/l	98
49) 1,4-Dioxane	9.45	88	23533	1145.482	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	444101	275.719	ug/l	99
52) Toluene	10.39	92	346433	54.693	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	168042	52.820	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	194342	53.560	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	96270	55.334	ug/l	99
56) Ethyl methacrylate	10.65	69	126137	55.804	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166648	54.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	277615	244.200	ug/l	100
59) 2-Hexanone	10.97	43	306757	267.544	ug/l	99
60) Dibromochloromethane	11.13	129	118014	55.613	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93565	54.331	ug/l	99
64) Tetrachloroethene	10.87	164	135937	55.238	ug/l	99
65) Chlorobenzene	11.66	112	383738	53.083	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	127338	52.095	ug/l	99
67) Ethyl Benzene	11.73	91	680134	52.629	ug/l	100
68) m/p-Xylenes	11.84	106	534383	103.494	ug/l	99
69) o-Xylene	12.16	106	255622	52.744	ug/l	100
70) Styrene	12.18	104	417811	53.585	ug/l	100
71) Bromoform	12.35	173	69244	52.701	ug/l #	99
73) Isopropylbenzene	12.47	105	686941	53.493	ug/l	100
74) N-amyl acetate	12.27	43	173156	53.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113970	54.316	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	80601m	52.116	ug/l	
77) Bromobenzene	12.75	156	163345	53.827	ug/l	98
78) n-propylbenzene	12.80	91	829157	52.785	ug/l	99
79) 2-Chlorotoluene	12.90	91	480483	53.875	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	594825	53.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31574	49.631	ug/l	97
82) 4-Chlorotoluene	12.99	91	496081	52.784	ug/l	100
83) tert-Butylbenzene	13.21	119	524943	54.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	602704	52.173	ug/l	99
85) sec-Butylbenzene	13.38	105	740165	53.346	ug/l	100
86) p-Isopropyltoluene	13.50	119	654793	51.480	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	328642	52.198	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	328963	53.013	ug/l	100
89) n-Butylbenzene	13.83	91	611202	51.292	ug/l	100
90) Hexachloroethane	14.10	117	113239	54.383	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	298005	53.121	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20826	54.868	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
Data File : VW008937.D
Acq On : 01 Mar 2019 22:50
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/5/2019 4:05:18 AM

Quant Time: Mar 02 05:15:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	211711	52.377	ug/l	100
94) Hexachlorobutadiene	15.24	225	126906	53.301	ug/l	99
95) Naphthalene	15.37	128	376296	54.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	189122	54.114	ug/l	99

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

