

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010606.D
 Acq On : 30 May 2019 10:43
 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
 6/1/2019 4:27:12 AM

Quant Time: May 31 07:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63224	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	68522	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.32	98	267285	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	101742	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58504	49.608	ug/l	99
3) Chloromethane	2.21	50	59299	42.637	ug/l	100
4) Vinyl Chloride	2.36	62	66562	41.318	ug/l	99
5) Bromomethane	2.76	94	55910	50.448	ug/l	95
6) Chloroethane	2.91	64	47020	45.468	ug/l	99
7) Trichlorofluoromethane	3.25	101	131109	55.125	ug/l	97
8) Diethyl Ether	3.68	74	35789	47.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81520	55.656	ug/l	97
10) Methyl Iodide	4.27	142	81490	48.676	ug/l	97
11) Tert butyl alcohol	5.19	59	24717	201.121	ug/l	95
12) 1,1-Dichloroethene	4.03	96	75337	53.882	ug/l	94
13) Acrolein	3.90	56	16663	230.993	ug/l	97
14) Allyl chloride	4.67	41	100608	49.711	ug/l	98
15) Acrylonitrile	5.37	53	65297	206.803	ug/l	99
16) Acetone	4.13	43	71250	255.478	ug/l	100
17) Carbon Disulfide	4.37	76	202932	48.660	ug/l	100
18) Methyl Acetate	4.67	43	27074	39.693	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	164916	46.268	ug/l	99
20) Methylene Chloride	4.92	84	73187	44.129	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	86070	53.668	ug/l	97
22) Diisopropyl ether	6.31	45	203846	49.121	ug/l	96
23) Vinyl Acetate	6.26	43	568850	229.479	ug/l	99
24) 1,1-Dichloroethane	6.21	63	130935	52.872	ug/l	98
25) 2-Butanone	7.17	43	90575	226.939	ug/l	99
26) 2,2-Dichloropropane	7.17	77	132509	56.173	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92381	52.984	ug/l	99
28) Bromochloromethane	7.51	49	45994	51.874	ug/l	93
29) Tetrahydrofuran	7.53	42	51319	190.020	ug/l	97
30) Chloroform	7.67	83	142335	53.285	ug/l	100
31) Cyclohexane	7.95	56	126682	48.835	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138282	54.163	ug/l	98
36) 1,1-Dichloropropene	8.08	75	113667	56.143	ug/l	99
37) Ethyl Acetate	7.25	43	36420	42.302	ug/l	98
38) Carbon Tetrachloride	8.07	117	124813	57.148	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010606.D
 Acq On : 30 May 2019 10:43
 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
 6/1/2019 4:27:12 AM

Quant Time: May 31 07:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	150955	55.652	ug/l	98
40) Benzene	8.32	78	315432	56.054	ug/l	100
41) Methacrylonitrile	7.48	41	21638	42.298	ug/l	99
42) 1,2-Dichloroethane	8.40	62	83429	51.873	ug/l	99
43) Isopropyl Acetate	8.42	43	74387	43.248	ug/l	97
44) Trichloroethene	9.09	130	96667	57.863	ug/l	98
45) 1,2-Dichloropropane	9.37	63	72413	54.183	ug/l	97
46) Dibromomethane	9.46	93	40385	51.670	ug/l	95
47) Bromodichloromethane	9.64	83	105712	53.822	ug/l	98
48) Methyl methacrylate	9.43	41	34017	43.230	ug/l	96
49) 1,4-Dioxane	9.46	88	10081	789.568	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	187273	214.871	ug/l	98
52) Toluene	10.39	92	212505	56.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	101052	50.800	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	120955	53.242	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	57698	51.336	ug/l	98
56) Ethyl methacrylate	10.65	69	70307	45.357	ug/l	98
57) 1,3-Dichloropropane	10.93	76	96322	51.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144306	210.181	ug/l	97
59) 2-Hexanone	10.97	43	136150	218.987	ug/l	97
60) Dibromochloromethane	11.13	129	74340	52.262	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57744	50.718	ug/l	99
64) Tetrachloroethene	10.86	164	77662	58.660	ug/l	98
65) Chlorobenzene	11.66	112	232704	57.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	82263	56.734	ug/l	99
67) Ethyl Benzene	11.73	91	407209	56.981	ug/l	98
68) m/p-Xylenes	11.84	106	322564	115.077	ug/l	98
69) o-Xylene	12.16	106	148963	56.091	ug/l	100
70) Styrene	12.18	104	252732	56.088	ug/l	99
71) Bromoform	12.35	173	40311	50.485	ug/l #	97
73) Isopropylbenzene	12.46	105	415286	56.937	ug/l	99
74) N-amyl acetate	12.27	43	69444	41.548	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	61928	46.680	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42322m	45.361	ug/l	
77) Bromobenzene	12.75	156	94308	57.779	ug/l	94
78) n-propylbenzene	12.80	91	476848	56.099	ug/l	99
79) 2-Chlorotoluene	12.90	91	275131	55.815	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	345731	55.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	19438	43.481	ug/l	96
82) 4-Chlorotoluene	12.99	91	282495	55.213	ug/l	98
83) tert-Butylbenzene	13.21	119	303496	56.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	338129	54.957	ug/l	99
85) sec-Butylbenzene	13.38	105	426343	56.459	ug/l	99
86) p-Isopropyltoluene	13.50	119	385253	56.365	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	179431	56.032	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	181302	56.428	ug/l	99
89) n-Butylbenzene	13.83	91	358775	55.185	ug/l	99
90) Hexachloroethane	14.10	117	74517	56.325	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	163425	56.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10184	41.284	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
Data File : VW010606.D
Acq On : 30 May 2019 10:43
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
6/1/2019 4:27:12 AM

Quant Time: May 31 07:53:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	110926	55.875	ug/l	100
94) Hexachlorobutadiene	15.24	225	64892	61.186	ug/l	100
95) Naphthalene	15.37	128	194024	46.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93292	54.613	ug/l	99

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

