

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008060.D
 Acq On : 04 Jan 2019 21:13
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 1:23:06 PM

Quant Time: Jan 05 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37154	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.88	113	32704	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
50) Toluene-d8	10.33	98	121075	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
62) 4-Bromofluorobenzene	12.62	95	45163	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31515	49.024	ug/l	97
3) Chloromethane	2.22	50	24258	50.865	ug/l	95
4) Vinyl Chloride	2.37	62	32898	53.411	ug/l	98
5) Bromomethane	2.79	94	21632	55.279	ug/l	87
6) Chloroethane	2.93	64	18062	57.374	ug/l	99
7) Trichlorofluoromethane	3.26	101	32184	52.054	ug/l	98
8) Diethyl Ether	3.68	74	18983	59.776	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37746	51.372	ug/l	97
10) Methyl Iodide	4.27	142	64374	54.458	ug/l	98
11) Tert butyl alcohol	5.23	59	12981	257.877	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	36933	52.513	ug/l	91
13) Acrolein	3.90	56	9631	282.381	ug/l	100
14) Allyl chloride	4.67	41	53547	56.198	ug/l	97
15) Acrylonitrile	5.38	53	35049	300.072	ug/l	98
16) Acetone	4.14	43	32008	266.870	ug/l	99
17) Carbon Disulfide	4.37	76	113222	52.701	ug/l	97
18) Methyl Acetate	4.68	43	20450	65.747	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	64979	58.707	ug/l	98
20) Methylene Chloride	4.91	84	38316	51.892	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	40282	52.642	ug/l	95
22) Diisopropyl ether	6.31	45	99562	58.216	ug/l	97
23) Vinyl Acetate	6.26	43	285549	298.420	ug/l	98
24) 1,1-Dichloroethane	6.22	63	68307	53.755	ug/l	99
25) 2-Butanone	7.18	43	41898	296.490	ug/l	99
26) 2,2-Dichloropropane	7.17	77	53406	51.013	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	43875	53.827	ug/l	99
28) Bromochloromethane	7.51	49	21423	52.453	ug/l #	98
29) Tetrahydrofuran	7.54	42	26615	303.212	ug/l	99
30) Chloroform	7.68	83	78112	54.849	ug/l	99
31) Cyclohexane	7.96	56	59641	50.357	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72559	53.246	ug/l	98
36) 1,1-Dichloropropene	8.08	75	58528	50.920	ug/l	99
37) Ethyl Acetate	7.26	43	19854	57.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	68356	49.623	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008060.D
 Acq On : 04 Jan 2019 21:13
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 1:23:06 PM

Quant Time: Jan 05 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73121	51.036	ug/l	97
40) Benzene	8.32	78	160389	52.894	ug/l	100
41) Methacrylonitrile	7.48	41	12592	62.030	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54153	53.601	ug/l	98
43) Isopropyl Acetate	8.43	43	42081	61.000	ug/l	99
44) Trichloroethene	9.09	130	46951	52.471	ug/l	100
45) 1,2-Dichloropropane	9.37	63	36682	55.889	ug/l	98
46) Dibromomethane	9.46	93	21359	55.661	ug/l	98
47) Bromodichloromethane	9.65	83	56554	52.618	ug/l	98
48) Methyl methacrylate	9.44	41	21732	62.479	ug/l	97
49) 1,4-Dioxane	9.48	88	6646	1170.331	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	96554	302.369	ug/l	99
52) Toluene	10.39	92	104253	52.079	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57673	55.803	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	64058	55.545	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	29454	56.691	ug/l	91
56) Ethyl methacrylate	10.65	69	36596	62.306	ug/l	96
57) 1,3-Dichloropropane	10.93	76	48583	55.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	76028	272.930	ug/l	100
59) 2-Hexanone	10.97	43	65413	296.727	ug/l	98
60) Dibromochloromethane	11.13	129	36377	51.150	ug/l	94
61) 1,2-Dibromoethane	11.24	107	28636	55.076	ug/l	98
64) Tetrachloroethene	10.87	164	37650	54.727	ug/l	98
65) Chlorobenzene	11.66	112	111415	52.344	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	41052	53.258	ug/l	96
67) Ethyl Benzene	11.74	91	194904	51.588	ug/l	93
68) m/p-Xylenes	11.84	106	154114	105.511	ug/l	99
69) o-Xylene	12.17	106	71882	52.889	ug/l	94
70) Styrene	12.18	104	120990	54.617	ug/l	98
71) Bromoform	12.35	173	19681	55.111	ug/l #	93
73) Isopropylbenzene	12.47	105	195498	49.789	ug/l	96
74) N-amyl acetate	12.27	43	31996	52.349	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	28458	56.962	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	26803m	68.230	ug/l	
77) Bromobenzene	12.75	156	43541	51.592	ug/l	96
78) n-propylbenzene	12.80	91	226027	49.650	ug/l	97
79) 2-Chlorotoluene	12.90	91	139105	52.869	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	175027	51.786	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	9496	57.165	ug/l	96
82) 4-Chlorotoluene	12.99	91	144879	51.784	ug/l	99
83) tert-Butylbenzene	13.21	119	153520	51.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	183663	53.649	ug/l	97
85) sec-Butylbenzene	13.39	105	212112	52.144	ug/l	99
86) p-Isopropyltoluene	13.50	119	193794	52.817	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	83167	48.840	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	87753	52.052	ug/l	98
89) n-Butylbenzene	13.82	91	167194	49.818	ug/l	98
90) Hexachloroethane	14.10	117	31146	48.921	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	74206	49.590	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5827	57.466	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008060.D
Acq On : 04 Jan 2019 21:13
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/7/2019 1:23:06 PM

Quant Time: Jan 05 03:01:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51707	49.199	ug/l	96
94) Hexachlorobutadiene	15.24	225	30135	49.660	ug/l	98
95) Naphthalene	15.38	128	106492	59.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	47046	54.403	ug/l	99

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

