

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000945.D
 Acq On : 24 Jan 2018 14:02
 Operator : JC/SY
 Sample : VW0124SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/25/2018 1:33:57 PM

Quant Time: Jan 25 11:54:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	317402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119054	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	107142	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.33	98	437871	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.63	95	156766	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48169	19.51	ug/l	97
3) Chloromethane	2.22	50	44756	20.52	ug/l	98
4) Vinyl Chloride	2.36	62	39813	19.62	ug/l	95
5) Bromomethane	2.74	94	31090	20.96	ug/l	98
6) Chloroethane	2.90	64	23732	21.05	ug/l	97
7) Trichlorofluoromethane	3.25	101	76332	20.43	ug/l	93
8) Diethyl Ether	3.68	74	18592	19.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43021	17.82	ug/l	98
10) Methyl Iodide	4.26	142	37853	18.21	ug/l	100
11) Tert butyl alcohol	5.19	59	21259m	79.89	ug/l	
12) 1,1-Dichloroethene	4.03	96	36409	17.55	ug/l	98
13) Acrolein	3.89	56	17463	67.21	ug/l	97
14) Allyl chloride	4.66	41	63252	19.57	ug/l	98
15) Acrylonitrile	5.37	53	66700	91.24	ug/l	99
16) Acetone	4.13	43	64702	74.47	ug/l	98
17) Carbon Disulfide	4.37	76	130462	19.04	ug/l	99
18) Methyl Acetate	4.67	43	29993	16.62	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	102175	19.17	ug/l	100
20) Methylene Chloride	4.90	84	48172	19.99	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	48129	19.97	ug/l	99
22) Diisopropyl ether	6.32	45	118366	20.45	ug/l	97
23) Vinyl Acetate	6.26	43	316402	87.98	ug/l	98
24) 1,1-Dichloroethane	6.21	63	78598	20.29	ug/l	100
25) 2-Butanone	7.18	43	89584	82.52	ug/l	98
26) 2,2-Dichloropropane	7.17	77	77974	19.88	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50291	20.19	ug/l	99
28) Bromochloromethane	7.51	49	32322	19.86	ug/l #	98
29) Tetrahydrofuran	7.54	42	51806	86.73	ug/l	99
30) Chloroform	7.67	83	85085	20.36	ug/l	98
31) Cyclohexane	7.95	56	77531	19.39	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	81624	20.21	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68877	20.58	ug/l	99
37) Ethyl Acetate	7.26	43	35514	18.80	ug/l	98
38) Carbon Tetrachloride	8.06	117	73845	20.00	ug/l	98

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000945.D
 Acq On : 24 Jan 2018 14:02
 Operator : JC/SY
 Sample : VW0124SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/25/2018 1:33:57 PM

Quant Time: Jan 25 11:54:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81514	20.22	ug/l	94
40) Benzene	8.32	78	185324	20.36	ug/l	98
41) Methacrylonitrile	7.49	41	18038	17.01	ug/l	88
42) 1,2-Dichloroethane	8.40	62	56929	20.30	ug/l	99
43) Isopropyl Acetate	8.43	43	59439	18.56	ug/l	98
44) Trichloroethene	9.09	130	55026	20.35	ug/l	100
45) 1,2-Dichloropropane	9.37	63	43463	20.47	ug/l	95
46) Dibromomethane	9.46	93	26585	19.60	ug/l	98
47) Bromodichloromethane	9.65	83	61373	20.46	ug/l	99
48) Methyl methacrylate	9.44	41	28222	18.35	ug/l	98
49) 1,4-Dioxane	9.45	88	10529	355.14	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	166995	90.62	ug/l	98
52) Toluene	10.40	92	119962	20.87	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	59311	19.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	65438	19.57	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	37936	20.03	ug/l	96
56) Ethyl methacrylate	10.66	69	42664	18.94	ug/l	97
57) 1,3-Dichloropropane	10.94	76	62550	20.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91816	82.89	ug/l	99
59) 2-Hexanone	10.98	43	123875	86.65	ug/l	97
60) Dibromochloromethane	11.14	129	45181	19.75	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38678	19.60	ug/l	99
64) Tetrachloroethene	10.87	164	53259	20.22	ug/l	97
65) Chlorobenzene	11.67	112	135972	20.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	48467	20.73	ug/l	99
67) Ethyl Benzene	11.74	91	227997	20.73	ug/l	99
68) m/p-Xylenes	11.85	106	178853	41.83	ug/l	100
69) o-Xylene	12.18	106	80674	20.58	ug/l	98
70) Styrene	12.20	104	133301	20.86	ug/l	99
71) Bromoform	12.37	173	30146	19.00	ug/l #	99
73) Isopropylbenzene	12.48	105	231822	20.60	ug/l	100
74) N-amyl acetate	12.29	43	51004	18.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	47423	19.72	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	37724m	18.72	ug/l	
77) Bromobenzene	12.76	156	57390	20.05	ug/l	99
78) n-propylbenzene	12.82	91	280521	20.66	ug/l	100
79) 2-Chlorotoluene	12.91	91	158348	20.68	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	199823	20.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11864	17.96	ug/l	99
82) 4-Chlorotoluene	13.01	91	167846	20.63	ug/l	100
83) tert-Butylbenzene	13.23	119	172648	20.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	200903	20.75	ug/l	100
85) sec-Butylbenzene	13.40	105	246921	20.40	ug/l	99
86) p-Isopropyltoluene	13.52	119	219635	20.46	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	116007	20.43	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	115522	20.34	ug/l	98
89) n-Butylbenzene	13.84	91	204872	20.31	ug/l	99
90) Hexachloroethane	14.12	117	40267	20.18	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	105455	20.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9364	17.64	ug/l	98

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
Data File : VW000945.D
Acq On : 24 Jan 2018 14:02
Operator : JC/SY
Sample : VW0124SBS01
Misc : 5.0G/5.0ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Manual Integrations
APPROVED

MMDadoda
1/25/2018 1:33:57 PM

Quant Time: Jan 25 11:54:42 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	77845	20.42	ug/l	99
94) Hexachlorobutadiene	15.26	225	49456	20.46	ug/l	99
95) Naphthalene	15.40	128	153259	19.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	72235	20.60	ug/l	99

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

