

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006974.D
 Acq On : 20 Nov 2018 14:14
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:32 AM

Quant Time: Nov 21 03:12:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	192760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	11265	9.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.42%	
35) Dibromofluoromethane	7.88	113	9886	9.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.16%	
50) Toluene-d8	10.32	98	45630	9.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.98%	
62) 4-Bromofluorobenzene	12.62	95	18561	9.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	13501	10.94	ug/l	97
3) Chloromethane	2.21	50	10715	10.42	ug/l	97
4) Vinyl Chloride	2.36	62	10186	10.07	ug/l	95
5) Bromomethane	2.78	94	5684	10.53	ug/l	93
6) Chloroethane	2.92	64	5651	10.13	ug/l	96
7) Trichlorofluoromethane	3.26	101	19835	9.97	ug/l	93
8) Diethyl Ether	3.69	74	6082	9.49	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13431	10.41	ug/l	98
10) Methyl Iodide	4.27	142	12755	8.64	ug/l	100
11) Tert butyl alcohol	5.23	59	3893m	49.59	ug/l	
12) 1,1-Dichloroethene	4.04	96	10956	9.69	ug/l	92
13) Acrolein	3.90	56	4497	54.98	ug/l	97
14) Allyl chloride	4.68	41	17632	9.40	ug/l	97
15) Acrylonitrile	5.39	53	11019	45.73	ug/l	97
16) Acetone	4.15	43	8447	47.55	ug/l	93
17) Carbon Disulfide	4.39	76	34059	9.31	ug/l	97
18) Methyl Acetate	4.69	43	5432	8.59	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	28192	9.54	ug/l	99
20) Methylene Chloride	4.92	84	19454	11.08	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	12889	9.78	ug/l	91
22) Diisopropyl ether	6.32	45	34674	9.50	ug/l	97
23) Vinyl Acetate	6.26	43	92214	47.55	ug/l	99
24) 1,1-Dichloroethane	6.22	63	21010	9.46	ug/l	94
25) 2-Butanone	7.18	43	14560	47.86	ug/l	98
26) 2,2-Dichloropropane	7.17	77	20124	10.07	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	13754	9.80	ug/l	99
28) Bromochloromethane	7.51	49	7805	9.40	ug/l	98
29) Tetrahydrofuran	7.54	42	9187	46.62	ug/l	98
30) Chloroform	7.68	83	23275	9.86	ug/l	97
31) Cyclohexane	7.95	56	24896	10.57	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	21619	10.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18850	10.01	ug/l	99
37) Ethyl Acetate	7.26	43	7127	10.44	ug/l	98
38) Carbon Tetrachloride	8.07	117	18868	10.46	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006974.D
 Acq On : 20 Nov 2018 14:14
 Operator : SY/AP
 Sample : VSTDICC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDICC010

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:32 AM

Quant Time: Nov 21 03:12:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	23803	10.10	ug/l	98
40) Benzene	8.32	78	50408	9.91	ug/l	99
41) Methacrylonitrile	7.48	41	4106	9.69	ug/l	96
42) 1,2-Dichloroethane	8.40	62	14982	10.15	ug/l	100
43) Isopropyl Acetate	8.43	43	12082	9.29	ug/l	99
44) Trichloroethene	9.10	130	14292	10.03	ug/l	91
45) 1,2-Dichloropropane	9.37	63	12477	9.95	ug/l	98
46) Dibromomethane	9.46	93	6203	9.88	ug/l	98
47) Bromodichloromethane	9.65	83	16443	9.94	ug/l	99
48) Methyl methacrylate	9.44	41	5726	9.13	ug/l	97
49) 1,4-Dioxane	9.48	88	1859	199.26	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	32459	49.38	ug/l	98
52) Toluene	10.39	92	34173	9.88	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	15071	9.41	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	18138	9.37	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	8941	9.68	ug/l	96
56) Ethyl methacrylate	10.65	69	9962	9.29	ug/l	100
57) 1,3-Dichloropropane	10.93	76	15648	10.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	27819	49.66	ug/l	98
59) 2-Hexanone	10.97	43	21689	48.18	ug/l	99
60) Dibromochloromethane	11.13	129	9735	9.25	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8148	9.64	ug/l	99
64) Tetrachloroethene	10.86	164	11386	9.66	ug/l	96
65) Chlorobenzene	11.66	112	38235	10.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	10725	9.27	ug/l	94
67) Ethyl Benzene	11.73	91	70620	10.05	ug/l	100
68) m/p-Xylenes	11.84	106	55350	20.09	ug/l	98
69) o-Xylene	12.17	106	25548	9.83	ug/l	96
70) Styrene	12.18	104	41108	9.94	ug/l	99
71) Bromoform	12.35	173	4936	9.06	ug/l #	98
73) Isopropylbenzene	12.47	105	71657	9.88	ug/l	100
74) N-amyl acetate	12.27	43	11079	9.11	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	9124	9.45	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	7105m	5.88	ug/l	
77) Bromobenzene	12.75	156	15413	9.89	ug/l	95
78) n-propylbenzene	12.80	91	87387	9.94	ug/l	98
79) 2-Chlorotoluene	12.90	91	50213	9.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	60813	9.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2748	9.40	ug/l	99
82) 4-Chlorotoluene	12.99	91	52920	9.95	ug/l	100
83) tert-Butylbenzene	13.21	119	54187	9.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	60936	9.75	ug/l	98
85) sec-Butylbenzene	13.39	105	76536	9.97	ug/l	98
86) p-Isopropyltoluene	13.51	119	66540	9.83	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	31944	10.04	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31852	10.04	ug/l	98
89) n-Butylbenzene	13.83	91	62884	9.87	ug/l	99
90) Hexachloroethane	14.10	117	9096	9.20	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	27531	9.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1631	10.00	ug/l	88

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
Data File : VW006974.D
Acq On : 20 Nov 2018 14:14
Operator : SY/AP
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:32 AM

Quant Time: Nov 21 03:12:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	17443	9.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	10223	10.23	ug/l	97
95) Naphthalene	15.38	128	30701	9.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	14089	9.24	ug/l	98

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

