

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003846.D
 Acq On : 11 Jul 2018 02:03
 Operator : SY/AP
 Sample : VW0710SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Manual Integrations
 APPROVED

apatel
 7/11/2018 1:00:19 PM

Quant Time: Jul 11 06:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119623	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	102493	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	405427	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	146580	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16138	17.96	ug/l	94
3) Chloromethane	2.21	50	36598	21.45	ug/l	97
4) Vinyl Chloride	2.36	62	49994	22.22	ug/l	99
5) Bromomethane	2.76	94	30315	19.09	ug/l	95
6) Chloroethane	2.92	64	26401	19.57	ug/l	100
7) Trichlorofluoromethane	3.25	101	21096	23.21	ug/l	96
8) Diethyl Ether	3.67	74	21994	23.61	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41722	23.60	ug/l	99
10) Methyl Iodide	4.26	142	61874	23.52	ug/l	98
11) Tert butyl alcohol	5.18	59	16550	126.40	ug/l	95
12) 1,1-Dichloroethene	4.03	96	41275	23.78	ug/l	98
13) Acrolein	3.89	56	17766	90.79	ug/l	97
14) Allyl chloride	4.65	41	68860	22.82	ug/l	99
15) Acrylonitrile	5.37	53	55029	117.97	ug/l	99
16) Acetone	4.12	43	48850	116.53	ug/l	98
17) Carbon Disulfide	4.37	76	130870	23.00	ug/l	99
18) Methyl Acetate	4.67	43	27414	23.20	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76795	21.41	ug/l	96
20) Methylene Chloride	4.91	84	50842	22.47	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	45352	22.07	ug/l	92
22) Diisopropyl ether	6.31	45	145009	21.86	ug/l	98
23) Vinyl Acetate	6.26	43	426667	105.36	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87069	21.70	ug/l	100
25) 2-Butanone	7.18	43	71965	109.61	ug/l	97
26) 2,2-Dichloropropane	7.17	77	45583	20.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47964	21.11	ug/l	99
28) Bromochloromethane	7.51	49	38737	21.67	ug/l	100
29) Tetrahydrofuran	7.53	42	46737	110.73	ug/l	99
30) Chloroform	7.68	83	88977	21.74	ug/l	96
31) Cyclohexane	7.95	56	75576	21.44	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	68027	21.84	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68333	21.69	ug/l	99
37) Ethyl Acetate	7.26	43	33613	21.93	ug/l	98
38) Carbon Tetrachloride	8.06	117	64264	21.46	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003846.D
 Acq On : 11 Jul 2018 02:03
 Operator : SY/AP
 Sample : VW0710SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Manual Integrations
 APPROVED

apatel
 7/11/2018 1:00:19 PM

Quant Time: Jul 11 06:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72744	21.08	ug/l	96
40) Benzene	8.32	78	195359	21.69	ug/l	100
41) Methacrylonitrile	7.49	41	17027	19.31	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62527	21.45	ug/l	99
43) Isopropyl Acetate	8.43	43	61668	21.23	ug/l	99
44) Trichloroethene	9.09	130	49373	21.75	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50158	21.42	ug/l	99
46) Dibromomethane	9.46	93	26664	21.65	ug/l	99
47) Bromodichloromethane	9.65	83	64194	21.19	ug/l	100
48) Methyl methacrylate	9.44	41	29509	21.33	ug/l	97
49) 1,4-Dioxane	9.46	88	8387	455.75	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	164997	109.75	ug/l	99
52) Toluene	10.39	92	122748	21.98	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62474	20.66	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	72194	21.15	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36465	21.32	ug/l	97
56) Ethyl methacrylate	10.65	69	43155	20.68	ug/l	97
57) 1,3-Dichloropropane	10.94	76	64346	21.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91349	91.92	ug/l	100
59) 2-Hexanone	10.98	43	112663	109.14	ug/l	98
60) Dibromochloromethane	11.13	129	42204	21.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35024	21.42	ug/l	99
64) Tetrachloroethene	10.87	164	47903	23.09	ug/l	98
65) Chlorobenzene	11.66	112	133253	21.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46679	21.61	ug/l	99
67) Ethyl Benzene	11.74	91	229580	21.72	ug/l	98
68) m/p-Xylenes	11.84	106	180268	44.54	ug/l	100
69) o-Xylene	12.17	106	81151	21.73	ug/l	99
70) Styrene	12.19	104	141073	22.21	ug/l	100
71) Bromoform	12.35	173	26180	21.96	ug/l #	100
73) Isopropylbenzene	12.47	105	224565	21.70	ug/l	100
74) N-amyl acetate	12.28	43	58494	20.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45587	21.73	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29956m	19.97	ug/l	
77) Bromobenzene	12.75	156	54817	21.34	ug/l	99
78) n-propylbenzene	12.81	91	288548	22.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	163042	21.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199244	22.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12832	20.92	ug/l	97
82) 4-Chlorotoluene	12.99	91	178067	22.19	ug/l	99
83) tert-Butylbenzene	13.21	119	161173	21.92	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	204867	22.11	ug/l	98
85) sec-Butylbenzene	13.39	105	241533	21.95	ug/l	100
86) p-Isopropyltoluene	13.51	119	213607	22.22	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	114469	22.00	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	113551	21.70	ug/l	99
89) n-Butylbenzene	13.83	91	208271	22.02	ug/l	99
90) Hexachloroethane	14.10	117	40485	21.86	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	101742	21.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7974	21.96	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003846.D
Acq On : 11 Jul 2018 02:03
Operator : SY/AP
Sample : VW0710SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Manual Integrations
APPROVED

apatel
7/11/2018 1:00:19 PM

Quant Time: Jul 11 06:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	67296	21.23	ug/l	98
94) Hexachlorobutadiene	15.24	225	39551	21.81	ug/l	97
95) Naphthalene	15.38	128	122545	21.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61232	21.57	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003846.D
 Acq On : 11 Jul 2018 02:03
 Operator : SY/AP
 Sample : VW0710SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Manual Integrations
 APPROVED

apatel
 7/11/2018 1:00:19 PM

Quant Time: Jul 11 06:41:40 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

