

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003979.D
 Acq On : 17 Jul 2018 12:42
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
 APPROVED

apatel
 7/18/2018 11:39:31 AM

Quant Time: Jul 17 14:04:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154257	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	134776	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.33	98	535266	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	190181	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29180	20.41	ug/l	99
3) Chloromethane	2.21	50	42738	22.72	ug/l	96
4) Vinyl Chloride	2.36	62	58987	22.79	ug/l	96
5) Bromomethane	2.77	94	36190	22.37	ug/l	100
6) Chloroethane	2.92	64	32271	21.95	ug/l	96
7) Trichlorofluoromethane	3.25	101	25150	23.15	ug/l	97
8) Diethyl Ether	3.68	74	24887	19.73	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	54991	21.93	ug/l	98
10) Methyl Iodide	4.26	142	77070	21.40	ug/l	99
11) Tert butyl alcohol	5.18	59	23632	120.32	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	53467	21.61	ug/l	98
13) Acrolein	3.88	56	20567	101.91	ug/l	99
14) Allyl chloride	4.65	41	88105	21.58	ug/l	98
15) Acrylonitrile	5.37	53	65642	101.58	ug/l	99
16) Acetone	4.12	43	69943	102.30	ug/l	95
17) Carbon Disulfide	4.37	76	169432	21.94	ug/l	98
18) Methyl Acetate	4.67	43	31021	18.90	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96243	20.30	ug/l	99
20) Methylene Chloride	4.91	84	66945	16.99	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57387	21.16	ug/l	94
22) Diisopropyl ether	6.31	45	183370	22.22	ug/l	97
23) Vinyl Acetate	6.26	43	546880	104.59	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107973	21.44	ug/l	100
25) 2-Butanone	7.18	43	92402	100.43	ug/l	97
26) 2,2-Dichloropropane	7.16	77	64169	22.20	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61540	20.99	ug/l	99
28) Bromochloromethane	7.51	49	43780	21.25	ug/l	99
29) Tetrahydrofuran	7.53	42	57950	101.11	ug/l	99
30) Chloroform	7.68	83	108032	21.57	ug/l	99
31) Cyclohexane	7.95	56	100674	21.33	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	85808	21.94	ug/l	100
36) 1,1-Dichloropropene	8.08	75	88033	21.65	ug/l	100
37) Ethyl Acetate	7.26	43	41063	20.94	ug/l	100
38) Carbon Tetrachloride	8.07	117	83144	21.89	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003979.D
 Acq On : 17 Jul 2018 12:42
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
 APPROVED

apatel
 7/18/2018 11:39:31 AM

Quant Time: Jul 17 14:04:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98734	20.74	ug/l	93
40) Benzene	8.32	78	245303	21.75	ug/l	98
41) Methacrylonitrile	7.48	41	22835	21.02	ug/l	94
42) 1,2-Dichloroethane	8.40	62	74383	21.62	ug/l	98
43) Isopropyl Acetate	8.43	43	74968	20.44	ug/l	99
44) Trichloroethene	9.09	130	62211	21.28	ug/l	98
45) 1,2-Dichloropropane	9.37	63	62377	21.67	ug/l	97
46) Dibromomethane	9.46	93	32224	21.57	ug/l	99
47) Bromodichloromethane	9.65	83	78417	21.29	ug/l	100
48) Methyl methacrylate	9.44	41	35783	20.17	ug/l	99
49) 1,4-Dioxane	9.45	88	9273	403.84	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	199307	102.00	ug/l	99
52) Toluene	10.39	92	152850	21.91	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79020	20.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	92691	21.04	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44538	21.20	ug/l	98
56) Ethyl methacrylate	10.65	69	53953	19.84	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77227	21.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121573	97.54	ug/l	99
59) 2-Hexanone	10.98	43	140723	102.18	ug/l	97
60) Dibromochloromethane	11.13	129	51649	21.11	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42439	21.23	ug/l	100
64) Tetrachloroethene	10.87	164	53946	21.33	ug/l	95
65) Chlorobenzene	11.66	112	166048	21.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56488	20.74	ug/l	99
67) Ethyl Benzene	11.74	91	288660	20.96	ug/l	100
68) m/p-Xylenes	11.85	106	224512	42.66	ug/l	99
69) o-Xylene	12.17	106	101112	20.71	ug/l	99
70) Styrene	12.19	104	170786	20.94	ug/l	99
71) Bromoform	12.35	173	30619	19.91	ug/l #	99
73) Isopropylbenzene	12.47	105	282215	20.40	ug/l	99
74) N-amyl acetate	12.28	43	71218	19.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54399	20.33	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	46934m	24.15	ug/l	
77) Bromobenzene	12.75	156	66627	20.13	ug/l	98
78) n-propylbenzene	12.81	91	355533	20.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	200514	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	242781	20.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16188	18.42	ug/l	92
82) 4-Chlorotoluene	12.99	91	212834	20.72	ug/l	100
83) tert-Butylbenzene	13.21	119	202448	20.71	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	252984	21.12	ug/l	100
85) sec-Butylbenzene	13.39	105	303966	20.96	ug/l	99
86) p-Isopropyltoluene	13.51	119	267220	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137931	20.86	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	135724	20.47	ug/l	99
89) n-Butylbenzene	13.83	91	261800	20.93	ug/l	99
90) Hexachloroethane	14.10	117	48144	20.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123471	20.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9477	19.92	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003979.D
Acq On : 17 Jul 2018 12:42
Operator : VA/AP
Sample : VW0717SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Manual Integrations
APPROVED

apatel
7/18/2018 11:39:31 AM

Quant Time: Jul 17 14:04:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86154	20.82	ug/l	98
94) Hexachlorobutadiene	15.25	225	50795	21.38	ug/l	99
95) Naphthalene	15.38	128	147818	19.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75555	20.63	ug/l	100

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

