

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003581.D
 Acq On : 26 Jun 2018 21:31
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:46:55 AM

Quant Time: Jun 27 07:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	151064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116841	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.88	113	102338	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.33	98	406364	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	142970	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15127	25.86	ug/l	97
3) Chloromethane	2.21	50	33284	22.52	ug/l	95
4) Vinyl Chloride	2.36	62	45815	21.26	ug/l	92
5) Bromomethane	2.78	94	30165	21.06	ug/l	95
6) Chloroethane	2.92	64	31460	20.98	ug/l	93
7) Trichlorofluoromethane	3.25	101	27851	21.58	ug/l	96
8) Diethyl Ether	3.67	74	20865	22.00	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40064	22.35	ug/l	100
10) Methyl Iodide	4.26	142	59098	21.80	ug/l	99
11) Tert butyl alcohol	5.24	59	12211	108.64	ug/l	100
12) 1,1-Dichloroethene	4.03	96	37672	21.51	ug/l	97
13) Acrolein	3.90	56	12368	76.96	ug/l	94
14) Allyl chloride	4.66	41	66370	21.88	ug/l	98
15) Acrylonitrile	5.37	53	47456	121.64	ug/l	98
16) Acetone	4.15	43	48688	110.77	ug/l	95
17) Carbon Disulfide	4.37	76	111334	21.50	ug/l	100
18) Methyl Acetate	4.68	43	24595	23.59	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	74169	22.61	ug/l	97
20) Methylene Chloride	4.91	84	53306	26.85	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42140	22.11	ug/l	96
22) Diisopropyl ether	6.31	45	140134	22.95	ug/l	95
23) Vinyl Acetate	6.26	43	398730	113.31	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81656	22.53	ug/l	96
25) 2-Butanone	7.18	43	64117	117.31	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50225	20.76	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46985	22.44	ug/l	98
28) Bromochloromethane	7.52	49	32100	21.28	ug/l	97
29) Tetrahydrofuran	7.54	42	39495	118.23	ug/l	99
30) Chloroform	7.68	83	84165	22.79	ug/l	100
31) Cyclohexane	7.95	56	72980	21.55	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	69102	22.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65306	22.22	ug/l	100
37) Ethyl Acetate	7.26	43	29498	24.23	ug/l	98
38) Carbon Tetrachloride	8.07	117	63777	22.12	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003581.D
 Acq On : 26 Jun 2018 21:31
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:46:55 AM

Quant Time: Jun 27 07:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71703	21.08	ug/l	99
40) Benzene	8.32	78	182543	22.53	ug/l	96
41) Methacrylonitrile	7.49	41	17445	23.35	ug/l	98
42) 1,2-Dichloroethane	8.40	62	57810	22.78	ug/l	99
43) Isopropyl Acetate	8.43	43	55280	22.86	ug/l	99
44) Trichloroethene	9.10	130	46955	21.87	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47440	23.00	ug/l	99
46) Dibromomethane	9.46	93	24287	23.00	ug/l	97
47) Bromodichloromethane	9.65	83	61072	22.56	ug/l	99
48) Methyl methacrylate	9.45	41	25934	22.82	ug/l	98
49) 1,4-Dioxane	9.49	88	7471	468.53	ug/l	89
51) 4-Methyl-2-Pentanone	10.21	43	147652	119.85	ug/l	99
52) Toluene	10.39	92	116626	22.45	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59437	21.49	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	68032	21.62	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34564	23.23	ug/l	97
56) Ethyl methacrylate	10.65	69	40024	22.15	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58933	22.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	95172	117.48	ug/l	98
59) 2-Hexanone	10.98	43	101968	118.48	ug/l	98
60) Dibromochloromethane	11.13	129	40222	22.73	ug/l	96
61) 1,2-Dibromoethane	11.24	107	32440	23.04	ug/l	99
64) Tetrachloroethene	10.87	164	41558	22.07	ug/l	96
65) Chlorobenzene	11.66	112	128243	21.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	44486	21.60	ug/l	99
67) Ethyl Benzene	11.74	91	221160	21.29	ug/l	98
68) m/p-Xylenes	11.85	106	169843	43.00	ug/l	98
69) o-Xylene	12.17	106	78188	21.36	ug/l	99
70) Styrene	12.19	104	133103	21.85	ug/l	100
71) Bromoform	12.35	173	23614	22.12	ug/l #	98
73) Isopropylbenzene	12.47	105	221517	21.08	ug/l	99
74) N-amyl acetate	12.28	43	54450	22.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41691	23.45	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28512m	22.08	ug/l	
77) Bromobenzene	12.76	156	52422	21.42	ug/l	98
78) n-propylbenzene	12.81	91	276680	21.51	ug/l	100
79) 2-Chlorotoluene	12.90	91	156817	21.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	191309	21.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12105	21.57	ug/l	96
82) 4-Chlorotoluene	12.99	91	166027	21.53	ug/l	99
83) tert-Butylbenzene	13.21	119	159202	21.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	198488	21.88	ug/l	99
85) sec-Butylbenzene	13.39	105	241215	21.59	ug/l	100
86) p-Isopropyltoluene	13.51	119	210650	21.38	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	108733	21.63	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108860	21.78	ug/l	99
89) n-Butylbenzene	13.83	91	204922	21.34	ug/l	99
90) Hexachloroethane	14.10	117	37654	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	97733	22.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7052	23.57	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003581.D
Acq On : 26 Jun 2018 21:31
Operator : SY/AP
Sample : VW0626SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Manual Integrations
APPROVED

apatel
6/27/2018 11:46:55 AM

Quant Time: Jun 27 07:58:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	65952	21.34	ug/l	98
94) Hexachlorobutadiene	15.25	225	38865	20.90	ug/l	98
95) Naphthalene	15.38	128	115462	22.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	59328	21.80	ug/l	99

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

