

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005476.D
 Acq On : 18 Sep 2018 14:07
 Operator : SY/AP
 Sample : VW0918SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Manual Integrations
 APPROVED

apatel
 9/19/2018 11:25:36 AM

Quant Time: Sep 18 16:58:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	337865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	502672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153153	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	7.89	113	129562	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	635964	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	231475	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	73666	23.38	ug/l	99
3) Chloromethane	2.21	50	97300	24.40	ug/l	100
4) Vinyl Chloride	2.36	62	85632	22.92	ug/l	98
5) Bromomethane	2.77	94	50041	18.48	ug/l	97
6) Chloroethane	2.92	64	46909	21.19	ug/l	97
7) Trichlorofluoromethane	3.26	101	101472	20.50	ug/l	100
8) Diethyl Ether	3.69	74	32736	22.26	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	64367	22.30	ug/l	98
10) Methyl Iodide	4.28	142	59902	19.05	ug/l	97
11) Tert butyl alcohol	5.19	59	22732	95.59	ug/l	96
12) 1,1-Dichloroethene	4.04	96	58303	22.30	ug/l	94
13) Acrolein	3.90	56	19762	128.83	ug/l	98
14) Allyl chloride	4.68	41	117329	24.12	ug/l	93
15) Acrylonitrile	5.38	53	76445	113.62	ug/l	98
16) Acetone	4.14	43	66204	122.05	ug/l	97
17) Carbon Disulfide	4.39	76	199503	21.67	ug/l	99
18) Methyl Acetate	4.68	43	36163	21.46	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	147696	20.81	ug/l	99
20) Methylene Chloride	4.92	84	88116	22.13	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	67319	21.56	ug/l	95
22) Diisopropyl ether	6.32	45	228309	23.88	ug/l	97
23) Vinyl Acetate	6.26	43	652418	119.74	ug/l	99
24) 1,1-Dichloroethane	6.23	63	126974	21.88	ug/l	99
25) 2-Butanone	7.18	43	103257	122.40	ug/l	93
26) 2,2-Dichloropropane	7.17	77	115816	22.25	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	71750	21.13	ug/l	96
28) Bromochloromethane	7.52	49	49254	21.82	ug/l	88
29) Tetrahydrofuran	7.54	42	63270	117.72	ug/l	94
30) Chloroform	7.68	83	120473	20.05	ug/l	96
31) Cyclohexane	7.96	56	135514	24.21	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	114599	20.51	ug/l	99
36) 1,1-Dichloropropene	8.09	75	106201	22.32	ug/l	99
37) Ethyl Acetate	7.26	43	45759	23.65	ug/l	97
38) Carbon Tetrachloride	8.07	117	98230	19.82	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005476.D
 Acq On : 18 Sep 2018 14:07
 Operator : SY/AP
 Sample : VW0918SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Manual Integrations
 APPROVED

apatel
 9/19/2018 11:25:36 AM

Quant Time: Sep 18 16:58:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	128269	23.20	ug/l	95
40) Benzene	8.33	78	296107	21.49	ug/l	99
41) Methacrylonitrile	7.49	41	28346	24.29	ug/l	94
42) 1,2-Dichloroethane	8.41	62	82041	19.02	ug/l	96
43) Isopropyl Acetate	8.43	43	84052	22.26	ug/l	98
44) Trichloroethene	9.10	130	73635	20.76	ug/l	98
45) 1,2-Dichloropropane	9.38	63	74457	22.61	ug/l	96
46) Dibromomethane	9.46	93	33353	20.59	ug/l	98
47) Bromodichloromethane	9.65	83	89528	20.40	ug/l	99
48) Methyl methacrylate	9.44	41	40488	21.49	ug/l	97
49) 1,4-Dioxane	9.47	88	11392	422.01	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	223677	115.08	ug/l	98
52) Toluene	10.39	92	201027	21.54	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	90096	20.52	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	108253	21.77	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48628	20.20	ug/l	97
56) Ethyl methacrylate	10.65	69	65536	21.51	ug/l	98
57) 1,3-Dichloropropane	10.93	76	88475	21.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	146060	105.99	ug/l	95
59) 2-Hexanone	10.98	43	165936	125.34	ug/l	100
60) Dibromochloromethane	11.13	129	56154	19.39	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43563	20.18	ug/l	99
64) Tetrachloroethene	10.87	164	70589	19.83	ug/l	97
65) Chlorobenzene	11.66	112	208637	20.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	63139	19.33	ug/l	97
67) Ethyl Benzene	11.74	91	382508	21.28	ug/l	100
68) m/p-Xylenes	11.85	106	300881	43.50	ug/l	99
69) o-Xylene	12.17	106	138492	21.50	ug/l	99
70) Styrene	12.19	104	229122	21.55	ug/l	99
71) Bromoform	12.35	173	31872	18.44	ug/l #	98
73) Isopropylbenzene	12.47	105	387131	22.51	ug/l	99
74) N-amyl acetate	12.28	43	84850	23.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	56023	22.33	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	37001m	18.35	ug/l	
77) Bromobenzene	12.76	156	84931	20.89	ug/l	95
78) n-propylbenzene	12.81	91	473925	22.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	273095	22.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325538	21.70	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	17721	22.80	ug/l	94
82) 4-Chlorotoluene	12.99	91	289099	22.37	ug/l	99
83) tert-Butylbenzene	13.21	119	273349	21.93	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	327037	21.47	ug/l	99
85) sec-Butylbenzene	13.39	105	404279	22.45	ug/l	99
86) p-Isopropyltoluene	13.51	119	354187	22.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	173804	21.08	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	171680	21.14	ug/l	99
89) n-Butylbenzene	13.83	91	343132	22.88	ug/l	99
90) Hexachloroethane	14.10	117	57302	20.77	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	151100	20.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9532	19.79	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
Data File : VW005476.D
Acq On : 18 Sep 2018 14:07
Operator : SY/AP
Sample : VW0918SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Manual Integrations
APPROVED

apatel
9/19/2018 11:25:36 AM

Quant Time: Sep 18 16:58:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	100001	20.80	ug/l	98
94) Hexachlorobutadiene	15.25	225	67009	21.34	ug/l	99
95) Naphthalene	15.38	128	161876	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	85702	20.43	ug/l	99

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

