

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004535.D
 Acq On : 08 Aug 2018 19:00
 Operator : SY/AP
 Sample : VW0810SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Manual Integrations
 APPROVED

apatel
 8/9/2018 10:23:10 AM

Quant Time: Aug 09 05:30:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	705788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1096469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1029351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	553434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	372198	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.88	113	351289	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.33	98	1387326	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	498688	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	106993	22.09	ug/l	96
3) Chloromethane	2.22	50	128373	19.02	ug/l	100
4) Vinyl Chloride	2.37	62	193415	20.52	ug/l	96
5) Bromomethane	2.78	94	109917	20.03	ug/l	100
6) Chloroethane	2.93	64	111870	19.86	ug/l	99
7) Trichlorofluoromethane	3.25	101	70584	20.27	ug/l	99
8) Diethyl Ether	3.67	74	84244	19.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158051	20.55	ug/l	99
10) Methyl Iodide	4.27	142	226133	19.60	ug/l	99
11) Tert butyl alcohol	5.21	59	38672	84.54	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	153751	19.86	ug/l	97
13) Acrolein	3.89	56	52904	94.39	ug/l	98
14) Allyl chloride	4.66	41	228652	19.66	ug/l	98
15) Acrylonitrile	5.37	53	179257	91.59	ug/l	99
16) Acetone	4.14	43	194082	99.47	ug/l	99
17) Carbon Disulfide	4.38	76	500561	20.12	ug/l	98
18) Methyl Acetate	4.68	43	86146	17.71	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	193537	18.33	ug/l	99
20) Methylene Chloride	4.91	84	224656	17.88	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	162728	19.51	ug/l	97
22) Diisopropyl ether	6.31	45	476695	19.95	ug/l	99
23) Vinyl Acetate	6.26	43	1341373	93.40	ug/l	99
24) 1,1-Dichloroethane	6.21	63	302456	19.77	ug/l	100
25) 2-Butanone	7.18	43	288476	91.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	161881	20.16	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	173258	19.31	ug/l	97
28) Bromochloromethane	7.51	49	132307	19.88	ug/l	99
29) Tetrahydrofuran	7.54	42	143951	88.72	ug/l	100
30) Chloroform	7.68	83	293527	19.54	ug/l	99
31) Cyclohexane	7.96	56	288448	19.71	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	222238	19.69	ug/l	98
36) 1,1-Dichloropropene	8.08	75	238066	20.17	ug/l	100
37) Ethyl Acetate	7.26	43	103662	18.75	ug/l	99
38) Carbon Tetrachloride	8.07	117	212087	19.96	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004535.D
 Acq On : 08 Aug 2018 19:00
 Operator : SY/AP
 Sample : VW0810SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBS01

Manual Integrations
 APPROVED

apatel
 8/9/2018 10:23:10 AM

Quant Time: Aug 09 05:30:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	277788	19.20	ug/l	98
40) Benzene	8.32	78	690647	19.92	ug/l	99
41) Methacrylonitrile	7.49	41	54505	17.65	ug/l	95
42) 1,2-Dichloroethane	8.40	62	186308	19.42	ug/l	100
43) Isopropyl Acetate	8.43	43	172417	17.89	ug/l	98
44) Trichloroethene	9.09	130	167132	19.62	ug/l	96
45) 1,2-Dichloropropane	9.37	63	172255	19.84	ug/l	100
46) Dibromomethane	9.46	93	85373	19.32	ug/l	99
47) Bromodichloromethane	9.65	83	202793	19.44	ug/l	95
48) Methyl methacrylate	9.44	41	81480	18.09	ug/l	99
49) 1,4-Dioxane	9.46	88	25088	372.06	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	610929	91.06	ug/l	98
52) Toluene	10.39	92	414041	20.25	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	194031	18.52	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	235788	19.31	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	121208	19.13	ug/l	100
56) Ethyl methacrylate	10.65	69	135529	17.87	ug/l	99
57) 1,3-Dichloropropane	10.93	76	211106	19.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	353439	93.55	ug/l	99
59) 2-Hexanone	10.98	43	414265	91.07	ug/l	97
60) Dibromochloromethane	11.13	129	130062	18.88	ug/l	99
61) 1,2-Dibromoethane	11.24	107	111935	18.81	ug/l	99
64) Tetrachloroethene	10.87	164	140872	19.62	ug/l	98
65) Chlorobenzene	11.66	112	447716	19.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	150030	19.43	ug/l	99
67) Ethyl Benzene	11.74	91	760713	19.78	ug/l	97
68) m/p-Xylenes	11.85	106	606136	40.78	ug/l	98
69) o-Xylene	12.17	106	272438	19.77	ug/l	100
70) Styrene	12.19	104	464615	19.95	ug/l	100
71) Bromoform	12.35	173	79497	18.72	ug/l #	98
73) Isopropylbenzene	12.47	105	752754	19.66	ug/l	100
74) N-amyl acetate	12.28	43	167194	18.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	152077	19.03	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	100514m	17.55	ug/l	
77) Bromobenzene	12.75	156	181618	19.61	ug/l	98
78) n-propylbenzene	12.81	91	955248	20.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	547552	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	658413	20.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43457	18.17	ug/l	95
82) 4-Chlorotoluene	12.99	91	587379	20.25	ug/l	99
83) tert-Butylbenzene	13.21	119	540221	19.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	681439	20.16	ug/l	100
85) sec-Butylbenzene	13.39	105	825797	19.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	716255	20.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	377134	19.76	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	373086	19.64	ug/l	99
89) n-Butylbenzene	13.83	91	699895	19.89	ug/l	99
90) Hexachloroethane	14.10	117	126866	19.15	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	337769	19.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23930	18.33	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
Data File : VW004535.D
Acq On : 08 Aug 2018 19:00
Operator : SY/AP
Sample : VW0810SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBS01

Manual Integrations
APPROVED

apatel
8/9/2018 10:23:10 AM

Quant Time: Aug 09 05:30:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	233065	19.44	ug/l	100
94) Hexachlorobutadiene	15.25	225	140622	20.15	ug/l	99
95) Naphthalene	15.38	128	406437	18.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	209758	19.47	ug/l	99

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

