

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006123.D
 Acq On : 17 Oct 2018 13:53
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Manual Integrations
 APPROVED

apatel
 10/18/2018 11:04:29 AM

Quant Time: Oct 17 15:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119857	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.89	113	122716	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.33	98	470302	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	179767	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26957	18.526	ug/l	99
3) Chloromethane	2.22	50	32515	17.359	ug/l	97
4) Vinyl Chloride	2.37	62	51466	19.240	ug/l	99
5) Bromomethane	2.78	94	44719	18.381	ug/l	99
6) Chloroethane	2.93	64	34973	18.244	ug/l	92
7) Trichlorofluoromethane	3.26	101	51641	20.724	ug/l	100
8) Diethyl Ether	3.68	74	25464	19.228	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54167	20.742	ug/l	99
10) Methyl Iodide	4.27	142	89807	20.662	ug/l	99
11) Tert butyl alcohol	5.17	59	18782	114.558	ug/l	99
12) 1,1-Dichloroethene	4.03	96	50236	20.447	ug/l	93
13) Acrolein	3.89	56	17977	113.315	ug/l	95
14) Allyl chloride	4.67	41	70563	20.087	ug/l	99
15) Acrylonitrile	5.37	53	50173	105.627	ug/l	99
16) Acetone	4.12	43	61715	127.699	ug/l	100
17) Carbon Disulfide	4.38	76	140367	18.930	ug/l	98
18) Methyl Acetate	4.67	43	24739	20.165	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	78393	20.949	ug/l	95
20) Methylene Chloride	4.92	84	56412	20.923	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	55446	20.219	ug/l	95
22) Diisopropyl ether	6.32	45	142665	20.551	ug/l	99
23) Vinyl Acetate	6.26	43	412331	100.646	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91206	20.361	ug/l	97
25) 2-Butanone	7.18	43	75780	115.068	ug/l	97
26) 2,2-Dichloropropane	7.17	77	67878	21.485	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61867	20.444	ug/l	97
28) Bromochloromethane	7.52	49	30464	17.616	ug/l	98
29) Tetrahydrofuran	7.54	42	42188	104.218	ug/l	100
30) Chloroform	7.68	83	98300	20.142	ug/l	99
31) Cyclohexane	7.96	56	90328	20.249	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	91190	20.714	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80884	21.279	ug/l	100
37) Ethyl Acetate	7.26	43	29576	20.943	ug/l	99
38) Carbon Tetrachloride	8.07	117	86165	20.679	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006123.D
 Acq On : 17 Oct 2018 13:53
 Operator : VA/AP
 Sample : VW1017SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Manual Integrations
 APPROVED

apatel
 10/18/2018 11:04:29 AM

Quant Time: Oct 17 15:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106763	21.130	ug/l	98
40) Benzene	8.33	78	218538	20.960	ug/l	100
41) Methacrylonitrile	7.49	41	17310	20.333	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65126	21.260	ug/l	100
43) Isopropyl Acetate	8.43	43	59071	20.457	ug/l	99
44) Trichloroethene	9.10	130	68410	21.386	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51710	20.726	ug/l	99
46) Dibromomethane	9.46	93	29153	20.501	ug/l	98
47) Bromodichloromethane	9.65	83	68746	19.940	ug/l	99
48) Methyl methacrylate	9.44	41	28344	20.708	ug/l	97
49) 1,4-Dioxane	9.45	88	9249	422.491	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	150632	104.118	ug/l	99
52) Toluene	10.39	92	146402	20.944	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67765	19.728	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	79946	20.279	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41365	20.787	ug/l	99
56) Ethyl methacrylate	10.65	69	50400	20.660	ug/l	99
57) 1,3-Dichloropropane	10.94	76	68497	20.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88280	94.703	ug/l	98
59) 2-Hexanone	10.98	43	114438	110.810	ug/l	99
60) Dibromochloromethane	11.13	129	48935	19.742	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41389	20.816	ug/l	100
64) Tetrachloroethene	10.87	164	61337	21.236	ug/l	98
65) Chlorobenzene	11.66	112	169173	21.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	58080	20.519	ug/l	99
67) Ethyl Benzene	11.74	91	296708	21.496	ug/l	98
68) m/p-Xylenes	11.85	106	232482	42.613	ug/l	99
69) o-Xylene	12.17	106	110609	21.273	ug/l	100
70) Styrene	12.19	104	176721	20.901	ug/l	99
71) Bromoform	12.35	173	30102	19.067	ug/l #	99
73) Isopropylbenzene	12.47	105	317077	21.437	ug/l	100
74) N-amyl acetate	12.28	43	58951	20.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46706	20.762	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32440m	20.286	ug/l	
77) Bromobenzene	12.76	156	76008	20.980	ug/l	99
78) n-propylbenzene	12.81	91	368576	21.419	ug/l	100
79) 2-Chlorotoluene	12.90	91	204689	21.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	265974	21.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11826	17.678	ug/l	92
82) 4-Chlorotoluene	12.99	91	215633	21.291	ug/l	99
83) tert-Butylbenzene	13.21	119	238858	21.410	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	268795	21.303	ug/l	99
85) sec-Butylbenzene	13.39	105	339152	21.519	ug/l	100
86) p-Isopropyltoluene	13.51	119	308058	21.610	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153178	21.245	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151361	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	284374	21.812	ug/l	99
90) Hexachloroethane	14.10	117	47908	19.840	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	135590	21.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8108	20.130	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101718\
Data File : VW006123.D
Acq On : 17 Oct 2018 13:53
Operator : VA/AP
Sample : VW1017SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Manual Integrations
APPROVED

apatel
10/18/2018 11:04:29 AM

Quant Time: Oct 17 15:17:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106052	21.431	ug/l	99
94) Hexachlorobutadiene	15.25	225	68550	22.052	ug/l	99
95) Naphthalene	15.38	128	173314	21.054	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	92430	21.595	ug/l	99

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

