

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004332.D
 Acq On : 30 Jul 2018 00:42
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:33:50 AM

Quant Time: Jul 30 06:46:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146229	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
35) Dibromofluoromethane	7.88	113	135198	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.33	98	535907	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	189333	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44218	45.85	ug/l	95
3) Chloromethane	2.21	50	52511	40.16	ug/l	97
4) Vinyl Chloride	2.36	62	93747	42.36	ug/l	99
5) Bromomethane	2.77	94	78744	53.32	ug/l	93
6) Chloroethane	2.92	64	73691	50.45	ug/l	96
7) Trichlorofluoromethane	3.25	101	61002	41.39	ug/l	96
8) Diethyl Ether	3.67	74	80048	76.03	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129142	52.13	ug/l	99
10) Methyl Iodide	4.26	142	209214	54.30	ug/l	100
11) Tert butyl alcohol	5.18	59	55448	315.97	ug/l	100
12) 1,1-Dichloroethene	4.03	96	134685	53.28	ug/l	97
13) Acrolein	3.88	56	58099	354.30	ug/l	98
14) Allyl chloride	4.65	41	228332	53.20	ug/l	99
15) Acrylonitrile	5.37	53	174025	292.98	ug/l	100
16) Acetone	4.12	43	149884	234.55	ug/l	98
17) Carbon Disulfide	4.37	76	433970	54.00	ug/l	99
18) Methyl Acetate	4.67	43	92015	61.65	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	270602	57.48	ug/l	100
20) Methylene Chloride	4.90	84	145641	57.09	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	147815	54.65	ug/l	96
22) Diisopropyl ether	6.31	45	468765	58.40	ug/l	99
23) Vinyl Acetate	6.25	43	1342030	288.18	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271657	55.50	ug/l	100
25) 2-Butanone	7.17	43	229594	309.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	133959	44.67	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	161808	56.20	ug/l	96
28) Bromochloromethane	7.51	49	95318	52.61	ug/l	100
29) Tetrahydrofuran	7.53	42	155375	302.58	ug/l	99
30) Chloroform	7.68	83	269188	54.52	ug/l	97
31) Cyclohexane	7.96	56	238510	52.25	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	212065	52.29	ug/l	99
36) 1,1-Dichloropropene	8.09	75	215869	51.83	ug/l	99
37) Ethyl Acetate	7.26	43	101714	59.59	ug/l	99
38) Carbon Tetrachloride	8.07	117	205014	49.85	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004332.D
 Acq On : 30 Jul 2018 00:42
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:33:50 AM

Quant Time: Jul 30 06:46:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256512	51.11	ug/l	99
40) Benzene	8.32	78	625368	53.37	ug/l	100
41) Methacrylonitrile	7.49	41	56160	50.17	ug/l	89
42) 1,2-Dichloroethane	8.40	62	181358	54.14	ug/l	100
43) Isopropyl Acetate	8.43	43	192005	62.41	ug/l	99
44) Trichloroethene	9.09	130	159351	50.37	ug/l	94
45) 1,2-Dichloropropane	9.37	63	159194	54.75	ug/l	98
46) Dibromomethane	9.46	93	81341	54.78	ug/l	99
47) Bromodichloromethane	9.65	83	201000	53.37	ug/l	98
48) Methyl methacrylate	9.44	41	94001	60.00	ug/l	98
49) 1,4-Dioxane	9.45	88	29095	1292.63	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	516752	306.07	ug/l	99
52) Toluene	10.39	92	391425	53.20	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	203585	53.97	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	232148	52.79	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	115914	54.79	ug/l	95
56) Ethyl methacrylate	10.65	69	155438	60.72	ug/l	99
57) 1,3-Dichloropropane	10.93	76	199672	55.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	339982	298.96	ug/l	100
59) 2-Hexanone	10.98	43	357612	308.48	ug/l	100
60) Dibromochloromethane	11.13	129	137148	54.18	ug/l	98
61) 1,2-Dibromoethane	11.24	107	109132	54.10	ug/l	99
64) Tetrachloroethene	10.87	164	161258	58.15	ug/l	97
65) Chlorobenzene	11.66	112	410063	51.58	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	147211	52.50	ug/l	98
67) Ethyl Benzene	11.74	91	728637	52.58	ug/l	99
68) m/p-Xylenes	11.85	106	554629	104.00	ug/l	98
69) o-Xylene	12.17	106	265369	53.86	ug/l	95
70) Styrene	12.19	104	447524	53.76	ug/l	98
71) Bromoform	12.35	173	84809	53.97	ug/l #	99
73) Isopropylbenzene	12.47	105	731964	53.24	ug/l	100
74) N-amyl acetate	12.28	43	181609	55.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	137186	56.96	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	110513m	61.07	ug/l	
77) Bromobenzene	12.75	156	174854	52.63	ug/l	99
78) n-propylbenzene	12.81	91	901195	53.80	ug/l	100
79) 2-Chlorotoluene	12.90	91	514206	53.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	611188	51.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39123	50.30	ug/l	97
82) 4-Chlorotoluene	12.99	91	551999	54.45	ug/l	96
83) tert-Butylbenzene	13.21	119	531711	53.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	631973	52.31	ug/l	99
85) sec-Butylbenzene	13.39	105	756347	52.47	ug/l	98
86) p-Isopropyltoluene	13.51	119	687782	53.13	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346782	52.15	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	338950	51.09	ug/l	99
89) n-Butylbenzene	13.83	91	613368	50.74	ug/l	99
90) Hexachloroethane	14.10	117	122233	52.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	303593	51.01	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23243	55.28	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004332.D
Acq On : 30 Jul 2018 00:42
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
7/30/2018 10:33:50 AM

Quant Time: Jul 30 06:46:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	214291	51.27	ug/l	98
94) Hexachlorobutadiene	15.24	225	118834	46.54	ug/l	97
95) Naphthalene	15.38	128	425713	59.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	195289	53.40	ug/l	98

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

