

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003768.D
 Acq On : 09 Jul 2018 10:40
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:06 AM

Quant Time: Jul 09 13:06:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198652	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149323	41.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.74%	
35) Dibromofluoromethane	7.88	113	135856	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.33	98	544089	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	192431	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66910	50.444	ug/l	99
3) Chloromethane	2.21	50	110065	43.709	ug/l	93
4) Vinyl Chloride	2.36	62	146508	44.111	ug/l	97
5) Bromomethane	2.78	94	93617	39.930	ug/l	99
6) Chloroethane	2.92	64	88293	44.327	ug/l	97
7) Trichlorofluoromethane	3.25	101	80117	59.712	ug/l	97
8) Diethyl Ether	3.67	74	65923	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134228	51.442	ug/l	98
10) Methyl Iodide	4.26	142	200702	51.675	ug/l	99
11) Tert butyl alcohol	5.23	59	45306	234.399	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	132841	51.850	ug/l	99
13) Acrolein	3.90	56	60739	233.212	ug/l	99
14) Allyl chloride	4.66	41	239068	53.671	ug/l	97
15) Acrylonitrile	5.37	53	154797	224.802	ug/l	99
16) Acetone	4.14	43	179996	290.881	ug/l	97
17) Carbon Disulfide	4.37	76	425858	50.700	ug/l	99
18) Methyl Acetate	4.67	43	74325	42.603	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	254399	48.053	ug/l	100
20) Methylene Chloride	4.90	84	143960	47.520	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	146072	48.159	ug/l	98
22) Diisopropyl ether	6.31	45	461934	47.171	ug/l	98
23) Vinyl Acetate	6.26	43	1395479	233.438	ug/l	99
24) 1,1-Dichloroethane	6.21	63	271677	45.870	ug/l	99
25) 2-Butanone	7.18	43	221248	228.278	ug/l	99
26) 2,2-Dichloropropane	7.17	77	173929	54.142	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156622	46.696	ug/l	100
28) Bromochloromethane	7.51	49	106764	40.464	ug/l	97
29) Tetrahydrofuran	7.54	42	131902	211.706	ug/l	100
30) Chloroform	7.68	83	272036	45.025	ug/l	98
31) Cyclohexane	7.95	56	250920	48.211	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	224086	48.732	ug/l	99
36) 1,1-Dichloropropene	8.08	75	223094	50.764	ug/l	100
37) Ethyl Acetate	7.26	43	92309	43.168	ug/l	100
38) Carbon Tetrachloride	8.07	117	213016	50.979	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003768.D
 Acq On : 09 Jul 2018 10:40
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:06 AM

Quant Time: Jul 09 13:06:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	267127	55.498	ug/l	98
40) Benzene	8.32	78	608058	48.397	ug/l	99
41) Methacrylonitrile	7.49	41	54828	44.573	ug/l	96
42) 1,2-Dichloroethane	8.40	62	180941	44.498	ug/l	99
43) Isopropyl Acetate	8.43	43	175929	43.409	ug/l	98
44) Trichloroethene	9.09	130	158303	49.978	ug/l	99
45) 1,2-Dichloropropane	9.37	63	155118	47.483	ug/l	100
46) Dibromomethane	9.46	93	77329	45.018	ug/l	98
47) Bromodichloromethane	9.65	83	199361	47.177	ug/l	98
48) Methyl methacrylate	9.44	41	87102	45.128	ug/l	96
49) 1,4-Dioxane	9.48	88	24701	962.153	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	470638	224.411	ug/l	99
52) Toluene	10.39	92	388441	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	207855	49.263	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238906	50.159	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	110014	46.114	ug/l	96
56) Ethyl methacrylate	10.65	69	139025	47.753	ug/l	95
57) 1,3-Dichloropropane	10.93	76	190645	45.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	359774	235.513	ug/l	99
59) 2-Hexanone	10.98	43	348007	241.650	ug/l	100
60) Dibromochloromethane	11.13	129	130229	46.762	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104165	45.656	ug/l	100
64) Tetrachloroethene	10.87	164	134114	47.153	ug/l	98
65) Chlorobenzene	11.66	112	416965	49.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	146703	49.527	ug/l	99
67) Ethyl Benzene	11.74	91	759817	52.423	ug/l	99
68) m/p-Xylenes	11.85	106	583285	105.092	ug/l	98
69) o-Xylene	12.17	106	267931	52.316	ug/l	99
70) Styrene	12.19	104	451333	51.824	ug/l	99
71) Bromoform	12.35	173	77915	47.663	ug/l #	100
73) Isopropylbenzene	12.47	105	751468	55.857	ug/l	100
74) N-amyl acetate	12.28	43	171333	46.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	126940	46.545	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	104416m	53.527	ug/l	
77) Bromobenzene	12.76	156	171190	51.256	ug/l	96
78) n-propylbenzene	12.81	91	933695	55.287	ug/l	100
79) 2-Chlorotoluene	12.90	91	515020	53.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	630027	54.336	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	42387	53.154	ug/l	97
82) 4-Chlorotoluene	12.99	91	540066	51.765	ug/l	99
83) tert-Butylbenzene	13.21	119	538056	56.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	647709	53.771	ug/l	99
85) sec-Butylbenzene	13.39	105	799288	55.874	ug/l	100
86) p-Isopropyltoluene	13.51	119	709277	56.743	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	346119	51.150	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	343900	50.539	ug/l	100
89) n-Butylbenzene	13.84	91	690609	56.167	ug/l	100
90) Hexachloroethane	14.10	117	125636	52.178	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	304692	50.027	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21847	46.277	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
Data File : VW003768.D
Acq On : 09 Jul 2018 10:40
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
7/10/2018 10:47:06 AM

Quant Time: Jul 09 13:06:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	216857	52.603	ug/l	99
94) Hexachlorobutadiene	15.25	225	130534	55.356	ug/l	98
95) Naphthalene	15.38	128	385402	52.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	189719	51.396	ug/l	99

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

