

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003475.D
 Acq On : 23 Jun 2018 21:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:57:28 AM

Quant Time: Jun 25 04:24:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	487185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	170883	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	7.89	113	156138	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	10.33	98	615417	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.63	95	228827	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	62942	68.81	ug/l	85
3) Chloromethane	2.21	50	103631	44.84	ug/l	92
4) Vinyl Chloride	2.36	62	149938	44.51	ug/l	99
5) Bromomethane	2.78	94	90086	40.23	ug/l	94
6) Chloroethane	2.93	64	92349	39.38	ug/l	99
7) Trichlorofluoromethane	3.26	101	91951	45.56	ug/l	93
8) Diethyl Ether	3.68	74	78552	52.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134900	48.13	ug/l	99
10) Methyl Iodide	4.26	142	218343	51.51	ug/l	97
11) Tert butyl alcohol	5.25	59	53198	302.69	ug/l	97
12) 1,1-Dichloroethene	4.03	96	135949	49.64	ug/l	97
13) Acrolein	3.90	56	37186	147.99	ug/l	95
14) Allyl chloride	4.67	41	252607	53.25	ug/l	93
15) Acrylonitrile	5.38	53	174175	285.53	ug/l	99
16) Acetone	4.15	43	155950	226.90	ug/l	98
17) Carbon Disulfide	4.37	76	387622	47.87	ug/l	99
18) Methyl Acetate	4.68	43	95648	58.66	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	296395	57.78	ug/l	98
20) Methylene Chloride	4.91	84	153910	52.93	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	148730	49.90	ug/l	99
22) Diisopropyl ether	6.32	45	523091	54.79	ug/l	98
23) Vinyl Acetate	6.26	43	1514305	275.22	ug/l	100
24) 1,1-Dichloroethane	6.21	63	293154	51.72	ug/l	98
25) 2-Butanone	7.19	43	236377	276.58	ug/l	98
26) 2,2-Dichloropropane	7.17	77	173660	45.91	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171346	52.33	ug/l	98
28) Bromochloromethane	7.51	49	134489	57.02	ug/l	98
29) Tetrahydrofuran	7.54	42	152461	291.89	ug/l	99
30) Chloroform	7.68	83	294907	51.07	ug/l	98
31) Cyclohexane	7.96	56	245045	46.28	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	232121	48.70	ug/l	98
36) 1,1-Dichloropropene	8.09	75	220068	46.77	ug/l	99
37) Ethyl Acetate	7.26	43	106688	54.74	ug/l	99
38) Carbon Tetrachloride	8.07	117	207951	45.06	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003475.D
 Acq On : 23 Jun 2018 21:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 10:57:28 AM

Quant Time: Jun 25 04:24:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260257	47.81	ug/l	98
40) Benzene	8.33	78	649475	50.08	ug/l	98
41) Methacrylonitrile	7.49	41	65304	54.60	ug/l	98
42) 1,2-Dichloroethane	8.40	62	198076	48.75	ug/l	99
43) Isopropyl Acetate	8.43	43	210354	54.35	ug/l	99
44) Trichloroethene	9.10	130	166832	48.55	ug/l	98
45) 1,2-Dichloropropane	9.37	63	168994	51.18	ug/l	99
46) Dibromomethane	9.46	93	85685	50.68	ug/l	100
47) Bromodichloromethane	9.65	83	216039	49.85	ug/l	100
48) Methyl methacrylate	9.44	41	102623	56.42	ug/l	96
49) 1,4-Dioxane	9.49	88	27590	1080.86	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	554385	281.11	ug/l	98
52) Toluene	10.39	92	406931	48.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	227998	51.51	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	257233	51.06	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	121568	51.03	ug/l	99
56) Ethyl methacrylate	10.65	69	165129	57.08	ug/l	96
57) 1,3-Dichloropropane	10.94	76	213376	51.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	356446	274.86	ug/l	99
59) 2-Hexanone	10.98	43	381749	277.09	ug/l	98
60) Dibromochloromethane	11.13	129	145405	51.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	117454	52.12	ug/l	98
64) Tetrachloroethene	10.87	164	143968	47.15	ug/l	99
65) Chlorobenzene	11.66	112	459402	48.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	159567	47.77	ug/l	99
67) Ethyl Benzene	11.74	91	818302	48.56	ug/l	100
68) m/p-Xylenes	11.85	106	610529	95.31	ug/l	99
69) o-Xylene	12.17	106	296672	49.98	ug/l	100
70) Styrene	12.19	104	498423	50.44	ug/l	99
71) Bromoform	12.35	173	85969	49.66	ug/l #	99
73) Isopropylbenzene	12.47	105	828375	48.60	ug/l	99
74) N-amyl acetate	12.28	43	209462	53.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	176942	61.36	ug/l	88
76) 1,2,3-Trichloropropane	12.77	75	101769m	48.58	ug/l	
77) Bromobenzene	12.76	156	188180	47.41	ug/l	97
78) n-propylbenzene	12.81	91	975997	46.76	ug/l	100
79) 2-Chlorotoluene	12.90	91	561128	47.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	677558	47.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45012	49.44	ug/l	98
82) 4-Chlorotoluene	12.99	91	581161	46.45	ug/l	99
83) tert-Butylbenzene	13.21	119	581057	47.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	688967	46.81	ug/l	100
85) sec-Butylbenzene	13.39	105	851734	47.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	751001	46.98	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	376883	46.22	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	372557	45.95	ug/l	100
89) n-Butylbenzene	13.83	91	725410	46.56	ug/l	100
90) Hexachloroethane	14.10	117	134509	46.52	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	335408	46.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24321	50.12	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003475.D
Acq On : 23 Jun 2018 21:37
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
6/26/2018 10:57:28 AM

Quant Time: Jun 25 04:24:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	249903	49.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	135593	44.95	ug/l	99
95) Naphthalene	15.38	128	473045	55.61	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218488	49.50	ug/l	99

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

