

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004566.D
 Acq On : 09 Aug 2018 22:08
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:29 AM

Quant Time: Aug 10 08:16:30 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	704689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1073772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1031623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	550785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	370688	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.88	113	361764	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.33	98	1437340	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	523593	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	224629	46.45	ug/l	97
3) Chloromethane	2.22	50	327718	48.64	ug/l	99
4) Vinyl Chloride	2.37	62	464718	49.38	ug/l	99
5) Bromomethane	2.78	94	282639	51.58	ug/l	96
6) Chloroethane	2.93	64	291690	51.87	ug/l	99
7) Trichlorofluoromethane	3.26	101	201476	57.96	ug/l	100
8) Diethyl Ether	3.68	74	204982	46.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	380450	49.55	ug/l	100
10) Methyl Iodide	4.26	142	579104	50.27	ug/l	99
11) Tert butyl alcohol	5.20	59	100556	220.16	ug/l	99
12) 1,1-Dichloroethene	4.04	96	378796	49.02	ug/l	96
13) Acrolein	3.89	56	164035	293.12	ug/l	99
14) Allyl chloride	4.67	41	616885	53.13	ug/l	98
15) Acrylonitrile	5.37	53	464441	237.68	ug/l	99
16) Acetone	4.13	43	487058	250.02	ug/l	99
17) Carbon Disulfide	4.38	76	1262262	50.83	ug/l	100
18) Methyl Acetate	4.67	43	218387	44.96	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	513495	48.71	ug/l	96
20) Methylene Chloride	4.91	84	472673	49.61	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	418730	50.28	ug/l	99
22) Diisopropyl ether	6.31	45	1268668	53.17	ug/l	99
23) Vinyl Acetate	6.26	43	3546803	247.34	ug/l	99
24) 1,1-Dichloroethane	6.21	63	760643	49.81	ug/l	99
25) 2-Butanone	7.18	43	716656	228.70	ug/l	100
26) 2,2-Dichloropropane	7.17	77	391291	48.82	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	456217	50.92	ug/l	99
28) Bromochloromethane	7.51	49	334261	50.30	ug/l	100
29) Tetrahydrofuran	7.54	42	372233	229.77	ug/l	100
30) Chloroform	7.68	83	743334	49.55	ug/l	98
31) Cyclohexane	7.96	56	701383	48.00	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	575942	51.11	ug/l	99
36) 1,1-Dichloropropene	8.09	75	595124	51.48	ug/l	100
37) Ethyl Acetate	7.26	43	250240	46.21	ug/l	98
38) Carbon Tetrachloride	8.07	117	537067	51.62	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004566.D
 Acq On : 09 Aug 2018 22:08
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:29 AM

Quant Time: Aug 10 08:16:30 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	744293	52.52	ug/l	99
40) Benzene	8.32	78	1741647	51.30	ug/l	100
41) Methacrylonitrile	7.49	41	143777	47.54	ug/l	99
42) 1,2-Dichloroethane	8.40	62	460062	48.98	ug/l	100
43) Isopropyl Acetate	8.43	43	443696	47.01	ug/l	100
44) Trichloroethene	9.09	130	417209	50.01	ug/l	95
45) 1,2-Dichloropropane	9.37	63	433714	51.01	ug/l	98
46) Dibromomethane	9.46	93	210933	48.73	ug/l	100
47) Bromodichloromethane	9.65	83	511878	50.10	ug/l	99
48) Methyl methacrylate	9.44	41	218611	49.56	ug/l	99
49) 1,4-Dioxane	9.46	88	66359	1004.91	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1590607	242.10	ug/l	99
52) Toluene	10.39	92	1053576	52.63	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	517271	50.42	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	615451	51.48	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	304040	49.01	ug/l	99
56) Ethyl methacrylate	10.65	69	381031	51.30	ug/l	99
57) 1,3-Dichloropropane	10.94	76	537084	50.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	925496	235.18	ug/l	99
59) 2-Hexanone	10.98	43	1101003	247.17	ug/l	99
60) Dibromochloromethane	11.13	129	339166	50.27	ug/l	100
61) 1,2-Dibromoethane	11.24	107	288677	49.53	ug/l	99
64) Tetrachloroethene	10.87	164	365459	50.78	ug/l	97
65) Chlorobenzene	11.66	112	1156014	50.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	390447	50.44	ug/l	99
67) Ethyl Benzene	11.74	91	2043387	53.02	ug/l	98
68) m/p-Xylenes	11.85	106	1584053	106.35	ug/l	99
69) o-Xylene	12.17	106	742906	53.78	ug/l	100
70) Styrene	12.19	104	1270308	54.43	ug/l	100
71) Bromoform	12.35	173	207657	48.80	ug/l	99
73) Isopropylbenzene	12.47	105	2029622	53.27	ug/l	100
74) N-amyl acetate	12.28	43	442795	47.93	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	378668	47.61	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	247345m	43.40	ug/l	
77) Bromobenzene	12.75	156	473680	51.39	ug/l	99
78) n-propylbenzene	12.81	91	2527648	53.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1439183	52.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1755077	54.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	112255	47.15	ug/l	98
82) 4-Chlorotoluene	12.99	91	1519556	52.63	ug/l	100
83) tert-Butylbenzene	13.21	119	1464463	53.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1812059	53.86	ug/l	99
85) sec-Butylbenzene	13.39	105	2185309	53.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	1916175	53.77	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	968832	51.01	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	949947	50.24	ug/l	100
89) n-Butylbenzene	13.83	91	1868245	53.36	ug/l	100
90) Hexachloroethane	14.10	117	334069	50.67	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	866288	50.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	59489	45.78	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
Data File : VW004566.D
Acq On : 09 Aug 2018 22:08
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
8/10/2018 11:49:29 AM

Quant Time: Aug 10 08:16:30 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	609927	51.13	ug/l	100
94) Hexachlorobutadiene	15.24	225	354736	51.07	ug/l	98
95) Naphthalene	15.38	128	1135653	46.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	551273	51.42	ug/l	99

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

