

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007759.D
 Acq On : 20 Dec 2018 20:34
 Operator : SY/AP
 Sample : J6392-19MSD
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:04:14 AM

Quant Time: Dec 21 04:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69723	88.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.76%	
35) Dibromofluoromethane	7.88	113	61920	86.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.36%	
50) Toluene-d8	10.32	98	223211	82.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.82%	
62) 4-Bromofluorobenzene	12.62	95	85926	82.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	30676	48.210	ug/l	94
3) Chloromethane	2.22	50	29747	76.134	ug/l	99
4) Vinyl Chloride	2.37	62	34604	69.574	ug/l	97
5) Bromomethane	2.78	94	25285	72.989	ug/l	91
6) Chloroethane	2.93	64	21020	78.996	ug/l	98
7) Trichlorofluoromethane	3.26	101	29843	57.633	ug/l	98
8) Diethyl Ether	3.68	74	22073	69.595	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41569	54.509	ug/l	99
10) Methyl Iodide	4.26	142	70507	58.137	ug/l	97
11) Tert butyl alcohol	5.17	59	19459	367.704	ug/l	98
12) 1,1-Dichloroethene	4.03	96	40003	56.648	ug/l	97
13) Acrolein	3.89	56	10453	247.041	ug/l	98
14) Allyl chloride	4.67	41	57034	61.588	ug/l	95
15) Acrylonitrile	5.37	53	47759	353.007	ug/l	99
16) Acetone	4.12	43	54686	372.257	ug/l	96
17) Carbon Disulfide	4.37	76	122643	56.122	ug/l	100
18) Methyl Acetate	4.67	43	30058	86.035	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	79249	78.170	ug/l	# 74
20) Methylene Chloride	4.91	84	49519	69.916	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44522	57.325	ug/l	95
22) Diisopropyl ether	6.32	45	115916	66.849	ug/l	96
23) Vinyl Acetate	6.26	43	321074	311.656	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76371	59.869	ug/l	98
25) 2-Butanone	7.17	43	62713	364.467	ug/l	97
26) 2,2-Dichloropropane	7.16	77	52761	56.522	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	50001	60.428	ug/l	99
28) Bromochloromethane	7.51	49	28778	66.167	ug/l	97
29) Tetrahydrofuran	7.53	42	39023	380.209	ug/l	97
30) Chloroform	7.68	83	84433	58.487	ug/l	99
31) Cyclohexane	7.96	56	65562	56.141	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72572	55.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61159	53.803	ug/l	99
37) Ethyl Acetate	7.26	43	27046	68.942	ug/l	97
38) Carbon Tetrachloride	8.07	117	64752	48.369	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007759.D
 Acq On : 20 Dec 2018 20:34
 Operator : SY/AP
 Sample : J6392-19MSD
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:04:14 AM

Quant Time: Dec 21 04:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80532	57.014	ug/l	97
40) Benzene	8.32	78	177049	58.368	ug/l	97
41) Methacrylonitrile	7.49	41	17994	80.789	ug/l	89
42) 1,2-Dichloroethane	8.40	62	61428	60.429	ug/l	96
43) Isopropyl Acetate	8.43	43	61629	78.413	ug/l	93
44) Trichloroethene	9.09	130	50344	54.882	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41477	61.624	ug/l	94
46) Dibromomethane	9.46	93	24755	59.749	ug/l	98
47) Bromodichloromethane	9.65	83	62394	57.283	ug/l	98
48) Methyl methacrylate	9.44	41	25867	65.935	ug/l	94
49) 1,4-Dioxane	9.44	88	9364	1425.514	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	134070	360.948	ug/l	100
52) Toluene	10.39	92	136715	67.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66279	61.176	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71622	59.850	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40014	70.055	ug/l	97
56) Ethyl methacrylate	10.65	69	46122	68.344	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59879	63.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93831	304.530	ug/l	99
59) 2-Hexanone	10.97	43	96756	370.398	ug/l	100
60) Dibromochloromethane	11.13	129	41843	55.328	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35539	61.442	ug/l	97
64) Tetrachloroethene	10.87	164	42078	57.207	ug/l	97
65) Chlorobenzene	11.66	112	128283	57.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	56.875	ug/l	98
67) Ethyl Benzene	11.73	91	224730	58.252	ug/l	98
68) m/p-Xylenes	11.84	106	175813	117.479	ug/l	98
69) o-Xylene	12.17	106	85595	61.016	ug/l	98
70) Styrene	12.18	104	136216	59.071	ug/l	99
71) Bromoform	12.35	173	23846	57.182	ug/l #	99
73) Isopropylbenzene	12.47	105	250744	65.979	ug/l	99
74) N-amyl acetate	12.27	43	50298	76.408	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40111	70.394	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31044m	79.888	ug/l	
77) Bromobenzene	12.75	156	52569	60.358	ug/l	95
78) n-propylbenzene	12.81	91	270350	61.111	ug/l	100
79) 2-Chlorotoluene	12.90	91	149712	58.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	191824	58.517	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11974	64.680	ug/l	98
82) 4-Chlorotoluene	12.99	91	157176	57.279	ug/l	99
83) tert-Butylbenzene	13.21	119	159291	55.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	206001	62.278	ug/l	99
85) sec-Butylbenzene	13.39	105	209052	52.737	ug/l	100
86) p-Isopropyltoluene	13.51	119	190423	52.828	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	99628	57.613	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100384	58.033	ug/l	99
89) n-Butylbenzene	13.83	91	162061	49.036	ug/l	99
90) Hexachloroethane	14.10	117	31877	50.373	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	93857	60.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8018	68.520	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007759.D
Acq On : 20 Dec 2018 20:34
Operator : SY/AP
Sample : J6392-19MSD
Misc : 6.05G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Manual Integrations
APPROVED

apatel
12/21/2018 11:04:14 AM

Quant Time: Dec 21 04:47:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61583	57.301	ug/l	98
94) Hexachlorobutadiene	15.24	225	24891	43.337	ug/l	100
95) Naphthalene	15.38	128	155878	78.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	56596	61.519	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007759.D
Acq On : 20 Dec 2018 20:34
Operator : SY/AP
Sample : J6392-19MSD
Misc : 6.05G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Manual Integrations
APPROVED

apatel
12/21/2018 11:04:14 AM

Quant Time: Dec 21 04:47:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

