

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007606.D
 Acq On : 16 Dec 2018 03:23
 Operator : SY/AP
 Sample : J6378-12MS
 Misc : 3.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Manual Integrations
 APPROVED

apatel
 12/17/2018 4:40:47 PM

Quant Time: Dec 17 00:44:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30902	70.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.62%	
35) Dibromofluoromethane	7.88	113	25268	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	
50) Toluene-d8	10.34	98	64937	42.14	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.28%	
62) 4-Bromofluorobenzene	12.62	95	10921	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	19202	69.852 ug/l	93
3) Chloromethane	2.21	50	18638	80.955 ug/l	98
4) Vinyl Chloride	2.37	62	28543	105.645 ug/l	96
5) Bromomethane	2.78	94	15905	87.617 ug/l	99
6) Chloroethane	2.93	64	13464	90.530 ug/l	97
7) Trichlorofluoromethane	3.26	101	11589	47.710 ug/l	99
8) Diethyl Ether	3.68	74	15808	83.150 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18632	46.487 ug/l	99
10) Methyl Iodide	4.27	142	45018	67.818 ug/l	98
11) Tert butyl alcohol	5.17	59	12331	411.403 ug/l #	74
12) 1,1-Dichloroethene	4.04	96	28796	74.621 ug/l	98
13) Acrolein	3.89	56	2464	124.238 ug/l #	81
14) Allyl chloride	4.66	41	28274	49.707 ug/l	99
15) Acrylonitrile	5.37	53	35955	448.627 ug/l #	82
16) Acetone	4.12	43	46046	604.038 ug/l	96
17) Carbon Disulfide	4.37	76	75013	64.111 ug/l	99
18) Methyl Acetate	4.67	43	46919	226.775 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	39669	68.143 ug/l #	1
20) Methylene Chloride	4.92	84	33545	83.059 ug/l #	81
21) trans-1,2-Dichloroethene	5.42	96	29178	67.591 ug/l	95
22) Diisopropyl ether	6.31	45	74134	67.805 ug/l	98
23) Vinyl Acetate	6.25	43	62398	102.033 ug/l	99
24) 1,1-Dichloroethane	6.21	63	52597	71.178 ug/l	98
25) 2-Butanone	7.17	43	58219	585.005 ug/l	97
26) 2,2-Dichloropropane	7.16	77	23260	47.561 ug/l	83
27) cis-1,2-Dichloroethene	7.16	96	67832	143.507 ug/l	96
28) Bromochloromethane	7.51	49	20146	72.480 ug/l	99
29) Tetrahydrofuran	7.53	42	30439	483.143 ug/l	96
30) Chloroform	7.67	83	55622	69.168 ug/l	98
31) Cyclohexane	7.96	56	304623	449.312 ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	35483	50.317 ug/l	98
36) 1,1-Dichloropropene	8.09	75	30838	49.789 ug/l	99
37) Ethyl Acetate	7.25	43	19885	86.318 ug/l	98
38) Carbon Tetrachloride	8.07	117	30730	45.598 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007606.D
 Acq On : 16 Dec 2018 03:23
 Operator : SY/AP
 Sample : J6378-12MS
 Misc : 3.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Manual Integrations
 APPROVED

apatel
 12/17/2018 4:40:47 PM

Quant Time: Dec 17 00:44:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	317828	423.768	ug/l	90
40) Benzene	8.32	78	635518	369.726	ug/l	100
41) Methacrylonitrile	7.49	41	12272	93.547	ug/l	97
42) 1,2-Dichloroethane	8.40	62	43528	80.614	ug/l #	69
43) Isopropyl Acetate	8.43	43	50872	111.794	ug/l #	88
44) Trichloroethene	9.09	130	23762	48.411	ug/l	91
45) 1,2-Dichloropropane	9.37	63	27164	68.291	ug/l	96
46) Dibromomethane	9.46	93	16114	71.336	ug/l	95
47) Bromodichloromethane	9.65	83	34694	58.554	ug/l	96
48) Methyl methacrylate	9.44	41	20196	86.417	ug/l	99
49) 1,4-Dioxane	9.45	88	6708	1830.192	ug/l	98
51) 4-Methyl-2-Pentanone	10.26	43	93258	433.736	ug/l	96
52) Toluene	10.40	92	41472581m	37282.997	ug/l	
53) t-1,3-Dichloropropene	10.62	75	29361	51.043	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	35817	53.863	ug/l	92
55) 1,1,2-Trichloroethane	10.78	97	38336	124.697	ug/l #	56
56) Ethyl methacrylate	10.65	69	34542	93.477	ug/l #	59
57) 1,3-Dichloropropane	10.94	76	28652	56.781	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	36150	212.141	ug/l	98
59) 2-Hexanone	10.97	43	78200	545.444	ug/l	82
60) Dibromochloromethane	11.13	129	18180	46.858	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17021	56.024	ug/l	98
64) Tetrachloroethene	10.87	164	9870	45.546	ug/l	93
65) Chlorobenzene	11.66	112	2059591	3279.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	11567	52.289	ug/l	97
67) Ethyl Benzene	11.74	91	11797936	10925.447	ug/l #	84
68) m/p-Xylenes	11.87	106	20079844	47831.710	ug/l #	1
69) o-Xylene	12.18	106	6250997	15943.686	ug/l	94
70) Styrene	12.18	104	374131	590.791	ug/l #	1
71) Bromoform	12.36	173	8678	76.643	ug/l #	92
73) Isopropylbenzene	12.46	105	205783	369.870	ug/l	99
74) N-amyl acetate	12.26	43	19217	190.052	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.72	83	14746	178.948	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	20871	348.611	ug/l #	1
77) Bromobenzene	12.75	156	10425	84.533	ug/l	68
78) n-propylbenzene	12.80	91	289031	461.609	ug/l	99
79) 2-Chlorotoluene	12.90	91	51436m	135.764	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	395304	845.597	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	4333	159.876	ug/l	97
82) 4-Chlorotoluene	12.99	91	26953	67.490	ug/l	87
83) tert-Butylbenzene	13.21	119	23465	56.965	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1265620	2630.867	ug/l	100
85) sec-Butylbenzene	13.39	105	41337	73.511	ug/l	88
86) p-Isopropyltoluene	13.51	119	266797	528.131	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	105167	427.710	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	1089927	4409.183	ug/l	91
89) n-Butylbenzene	13.83	91	44626	95.290	ug/l #	81
90) Hexachloroethane	14.10	117	14719	163.753	ug/l #	35
91) 1,2-Dichlorobenzene	13.88	146	53548	243.147	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3320	200.764	ug/l	68

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
Data File : VW007606.D
Acq On : 16 Dec 2018 03:23
Operator : SY/AP
Sample : J6378-12MS
Misc : 3.54G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Manual Integrations
APPROVED

apatel
12/17/2018 4:40:47 PM

Quant Time: Dec 17 00:44:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	5047	33.301	ug/l #	58
94) Hexachlorobutadiene	15.24	225	1830	22.757	ug/l	93
95) Naphthalene	15.37	128	392525	1353.827	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	5830	44.282	ug/l #	37

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

