

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122018\
 Data File : VW007690.D
 Acq On : 19 Dec 2018 07:08
 Operator : SY/AP
 Sample : J6386-13MS
 Misc : 5.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MS

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:52 PM

Quant Time: Dec 19 08:54:32 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	50424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	84358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	31688	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.88	113	28300	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	10.32	98	89855	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.62	95	28649	40.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18749	53.209	ug/l	94
3) Chloromethane	2.21	50	13404	45.420	ug/l	97
4) Vinyl Chloride	2.37	62	17286	49.914	ug/l	95
5) Bromomethane	2.78	94	12101	52.006	ug/l	95
6) Chloroethane	2.93	64	10317	54.119	ug/l	93
7) Trichlorofluoromethane	3.26	101	18639	59.864	ug/l	98
8) Diethyl Ether	3.68	74	15690	64.385	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24163	47.033	ug/l	98
10) Methyl Iodide	4.26	142	44520	52.323	ug/l	97
11) Tert butyl alcohol	5.17	59	11266	293.234	ug/l	96
12) 1,1-Dichloroethene	4.03	96	26926	54.435	ug/l	99
14) Allyl chloride	4.67	41	37279	51.129	ug/l	95
15) Acrylonitrile	5.36	53	30922	301.002	ug/l	98
16) Acetone	4.12	43	57893	592.480	ug/l	100
17) Carbon Disulfide	4.37	76	73138	48.765	ug/l	100
18) Methyl Acetate	4.67	43	48130	181.484	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	49017	65.689	ug/l	98
20) Methylene Chloride	4.92	84	31604	59.922	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	30360	54.867	ug/l	96
22) Diisopropyl ether	6.31	45	75923	54.174	ug/l	96
23) Vinyl Acetate	6.31	43	42945	54.785	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	53507	56.490	ug/l	99
25) 2-Butanone	7.17	43	35419	277.655	ug/l	99
26) 2,2-Dichloropropane	7.17	77	33314	53.143	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	33891	55.937	ug/l	99
28) Bromochloromethane	7.51	49	19556	54.889	ug/l #	4
29) Tetrahydrofuran	7.52	42	24275	300.594	ug/l	93
30) Chloroform	7.68	83	60256	58.457	ug/l	99
31) Cyclohexane	7.95	56	29433	33.868	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	50933	56.347	ug/l	99
36) 1,1-Dichloropropene	8.08	75	39088	50.794	ug/l	98
37) Ethyl Acetate	7.25	43	1440	5.031	ug/l #	75
38) Carbon Tetrachloride	8.07	117	45668	54.540	ug/l	94
39) Methylcyclohexane	9.34	83	25086	26.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	117610	55.071	ug/l	99
41) Methacrylonitrile	7.48	41	7752	47.561	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	44360	66.124	ug/l	97
43) Isopropyl Acetate	8.43	43	8407	14.870	ug/l #	53
44) Trichloroethene	9.09	130	31816	52.171	ug/l	99
45) 1,2-Dichloropropane	9.37	63	28392	57.450	ug/l	99
46) Dibromomethane	9.46	93	17835	63.548	ug/l	98
47) Bromodichloromethane	9.65	83	44390	60.299	ug/l	98
48) Methyl methacrylate	9.43	41	18940	65.228	ug/l	94
49) 1,4-Dioxane	9.45	88	5376	1180.558	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	81153	303.786	ug/l	99
52) Toluene	10.39	92	72112	52.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	39545	55.332	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	43851	53.077	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	23915	62.610	ug/l	96
56) Ethyl methacrylate	10.65	69	3952	8.608	ug/l #	75
57) 1,3-Dichloropropane	10.93	76	38999	62.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66672	314.909	ug/l	98
59) 2-Hexanone	10.97	43	42539	238.811	ug/l	96
60) Dibromochloromethane	11.13	129	29636	61.480	ug/l	99
61) 1,2-Dibromoethane	11.23	107	23186	61.424	ug/l	96
64) Tetrachloroethene	10.87	164	20588	43.547	ug/l	95
65) Chlorobenzene	11.66	112	73955	53.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	30386	62.961	ug/l	99
67) Ethyl Benzene	11.73	91	120733	51.247	ug/l	91
68) m/p-Xylenes	11.84	106	91384	99.778	ug/l	98
69) o-Xylene	12.17	106	44352	51.851	ug/l	97
70) Styrene	12.18	104	67247	48.673	ug/l	97
71) Bromoform	12.35	173	16426	66.496	ug/l #	99
73) Isopropylbenzene	12.47	105	102519	55.743	ug/l	99
74) N-amyl acetate	12.27	43	1310	3.919	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	23893	87.714	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	19656m	99.321	ug/l	
77) Bromobenzene	12.75	156	28242	69.278	ug/l	95
78) n-propylbenzene	12.81	91	105201	50.828	ug/l	100
79) 2-Chlorotoluene	12.90	91	68491	54.689	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	78767	50.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6580	73.446	ug/l	99
82) 4-Chlorotoluene	12.99	91	72073	54.595	ug/l	96
83) tert-Butylbenzene	13.21	119	63842	46.886	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	81119	51.011	ug/l	99
85) sec-Butylbenzene	13.39	105	73452	39.516	ug/l	97
86) p-Isopropyltoluene	13.50	119	65394	39.160	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	41219	50.713	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	43284	52.971	ug/l	97
89) n-Butylbenzene	13.83	91	46341	29.935	ug/l	99
90) Hexachloroethane	14.10	117	11312	38.071	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	39533	54.304	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4503	82.376	ug/l	93
93) 1,2,4-Trichlorobenzene	15.14	180	13939	27.823	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	4196	15.785	ug/l	97
95) Naphthalene	15.38	128	40586	42.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11696	26.875	ug/l	97

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

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