

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007790.D
 Acq On : 21 Dec 2018 12:34
 Operator : SY/AP
 Sample : J6426-02MS
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-DS001-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:33:50 PM

Quant Time: Dec 24 23:44:31 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	34918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	63472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44700	116.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.60%	
35) Dibromofluoromethane	7.88	113	32073	82.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.66%	
50) Toluene-d8	10.32	98	38811	26.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.18%	
62) 4-Bromofluorobenzene	12.62	95	9120	16.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	26703	86.023	ug/l	95
3) Chloromethane	2.22	50	30888	162.045	ug/l	95
4) Vinyl Chloride	2.37	62	29875	123.123	ug/l	96
5) Bromomethane	2.78	94	18995	112.395	ug/l	94
6) Chloroethane	2.92	64	17359	133.724	ug/l	93
7) Trichlorofluoromethane	3.26	101	14345	56.786	ug/l	93
8) Diethyl Ether	3.68	74	29302	189.376	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20014	53.795	ug/l	98
10) Methyl Iodide	4.27	142	46300	78.255	ug/l	95
11) Tert butyl alcohol	5.18	59	28902	1119.483	ug/l	99
12) 1,1-Dichloroethene	4.03	96	24328	70.617	ug/l	95
14) Allyl chloride	4.66	41	43662	96.645	ug/l	89
15) Acrylonitrile	5.36	53	70197	1063.552	ug/l	99
16) Acetone	4.12	43	27420	382.601	ug/l	98
17) Carbon Disulfide	4.37	76	48731	45.710	ug/l	99
18) Methyl Acetate	4.67	43	39906	234.134	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	105058	212.416	ug/l	96
20) Methylene Chloride	4.90	84	52014	158.855	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	27610	72.870	ug/l	92
22) Diisopropyl ether	6.31	45	127630	150.875	ug/l	95
23) Vinyl Acetate	6.31	43	66721	132.753	ug/l #	69
24) 1,1-Dichloroethane	6.21	63	64365	103.428	ug/l	98
25) 2-Butanone	7.17	43	34262	408.155	ug/l	98
26) 2,2-Dichloropropane	7.17	77	28128	61.767	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	37553	93.029	ug/l	99
28) Bromochloromethane	7.51	49	26970	127.108	ug/l	93
29) Tetrahydrofuran	7.52	42	64167	1281.521	ug/l	96
30) Chloroform	7.67	83	61809	87.763	ug/l	99
31) Cyclohexane	7.95	56	17203	30.196	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	32357	50.446	ug/l	98
36) 1,1-Dichloropropene	8.08	75	20313	33.158	ug/l	97
37) Ethyl Acetate	7.17	43	34262	162.054	ug/l #	1
38) Carbon Tetrachloride	8.07	117	21109	29.258	ug/l	91
39) Methylcyclohexane	9.34	83	14625	19.212	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	75701	46.307	ug/l	99
41) Methacrylonitrile	7.50	41	16775m	139.750	ug/l	
42) 1,2-Dichloroethane	8.40	62	58045	105.952	ug/l	98
44) Trichloroethene	9.09	130	15792	31.943	ug/l	95
45) 1,2-Dichloropropane	9.37	63	27191	74.961	ug/l	98
46) Dibromomethane	9.46	93	20662	92.534	ug/l	99
47) Bromodichloromethane	9.65	83	35413	60.327	ug/l	98
48) Methyl methacrylate	9.44	41	27645	130.753	ug/l	94
49) 1,4-Dioxane	9.45	88	14284	4034.814	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	102219	510.632	ug/l	98
52) Toluene	10.39	92	40950	37.335	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	34155	58.496	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	34736	53.859	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	29233	94.966	ug/l	94
56) Ethyl methacrylate	10.66	69	2089	5.744	ug/l #	8
57) 1,3-Dichloropropane	10.93	76	39502	77.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	81400	490.198	ug/l	99
59) 2-Hexanone	10.97	43	35055	249.003	ug/l	100
60) Dibromochloromethane	11.13	129	18817	46.167	ug/l	97
61) 1,2-Dibromoethane	11.24	107	19186	61.548	ug/l	99
64) Tetrachloroethene	10.86	164	5304	31.800	ug/l	93
65) Chlorobenzene	11.66	112	25932	50.866	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	13181	72.358	ug/l	97
67) Ethyl Benzene	11.73	91	32529	37.183	ug/l	95
68) m/p-Xylenes	11.84	106	24048	70.863	ug/l	98
69) o-Xylene	12.17	106	12077	37.965	ug/l	100
70) Styrene	12.18	104	20632	39.457	ug/l	98
71) Bromoform	12.35	173	7944	84.006	ug/l #	98
73) Isopropylbenzene	12.46	105	21152	51.120	ug/l	97
74) N-amyl acetate	12.26	43	1878	26.203	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.72	83	18530	298.685	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	22978	543.101	ug/l #	100
77) Bromobenzene	12.75	156	7010	73.924	ug/l #	53
78) n-propylbenzene	12.80	91	19588	40.668	ug/l	100
79) 2-Chlorotoluene	12.90	91	15060	53.673	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	15504	43.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3926	194.781	ug/l	93
82) 4-Chlorotoluene	12.99	91	14785	49.488	ug/l	93
83) tert-Butylbenzene	13.21	119	12056	38.498	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	17465	48.495	ug/l	98
85) sec-Butylbenzene	13.39	105	14261	33.043	ug/l	98
86) p-Isopropyltoluene	13.50	119	11633	29.642	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	7325	38.906	ug/l #	73
88) 1,4-Dichlorobenzene	13.58	146	6881	36.537	ug/l #	69
89) n-Butylbenzene	13.83	91	9260	25.734	ug/l	96
90) Hexachloroethane	14.10	117	1836	26.648	ug/l	87
91) 1,2-Dichlorobenzene	13.87	146	7211	42.777	ug/l #	65
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1975	155.018	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	1897	16.212	ug/l #	1
94) Hexachlorobutadiene	15.24	225	802	12.825	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	8726	40.335	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1420	14.177	ug/l #	56

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

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