

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007563.D
 Acq On : 15 Dec 2018 05:23
 Operator : SY/AP
 Sample : J6391-02MS
 Misc : 4.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0612-01MS

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:35 PM

Quant Time: Dec 15 06:05:40 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	38550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	66687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	29593	69.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.38%	
35) Dibromofluoromethane	7.88	113	24009	59.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.94%	
50) Toluene-d8	10.32	98	65079	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	12.62	95	15041	27.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14228	52.816	ug/l	94
3) Chloromethane	2.21	50	12279	54.424	ug/l	99
4) Vinyl Chloride	2.37	62	14079	53.175	ug/l	96
5) Bromomethane	2.78	94	10438	58.676	ug/l	85
6) Chloroethane	2.93	64	8678	59.542	ug/l	99
7) Trichlorofluoromethane	3.26	101	13780	57.890	ug/l	97
8) Diethyl Ether	3.68	74	15894	85.311	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15499	39.461	ug/l	97
10) Methyl Iodide	4.26	142	34022	52.301	ug/l	98
11) Tert butyl alcohol	5.17	59	11724	399.147	ug/l	99
12) 1,1-Dichloroethene	4.03	96	19808	52.379	ug/l	96
13) Acrolein	3.89	56	440	22.639	ug/l #	78
14) Allyl chloride	4.67	41	33081	59.346	ug/l	99
15) Acrylonitrile	5.36	53	23881	304.065	ug/l	99
16) Acetone	4.12	43	29614	396.422	ug/l	98
17) Carbon Disulfide	4.37	76	53547	46.700	ug/l	99
18) Methyl Acetate	4.67	43	40408	199.297	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	51975	91.107	ug/l	100
20) Methylene Chloride	4.91	84	29785	74.858	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	23302	55.083	ug/l	96
22) Diisopropyl ether	6.31	45	80366	75.007	ug/l	98
23) Vinyl Acetate	6.31	43	43414	72.442	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	45758	63.189	ug/l	98
25) 2-Butanone	7.17	43	34106	349.714	ug/l	100
26) 2,2-Dichloropropane	7.17	77	26771	55.860	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27240	58.808	ug/l	98
28) Bromochloromethane	7.51	49	18140	66.597	ug/l	99
29) Tetrahydrofuran	7.53	42	26209	424.506	ug/l	96
30) Chloroform	7.68	83	49060	62.255	ug/l	99
31) Cyclohexane	7.95	56	15950	24.007	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	35835	51.855	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24875	40.890	ug/l	100
37) Ethyl Acetate	7.26	43	3992	17.643	ug/l #	78
38) Carbon Tetrachloride	8.07	117	28378	42.872	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	10738	14.577	ug/l	92
40) Benzene	8.32	78	92171	54.595	ug/l	99
41) Methacrylonitrile	7.49	41	5558m	43.136	ug/l	
42) 1,2-Dichloroethane	8.40	62	38817	73.194	ug/l	98
43) Isopropyl Acetate	8.43	43	13991	31.304	ug/l #	80
44) Trichloroethene	9.09	130	20695	42.927	ug/l	98
45) 1,2-Dichloropropane	9.37	63	23459	60.046	ug/l	94
46) Dibromomethane	9.46	93	15695	70.742	ug/l	97
47) Bromodichloromethane	9.65	83	35648	61.256	ug/l	94
48) Methyl methacrylate	9.44	41	16536	72.040	ug/l	97
49) 1,4-Dioxane	9.45	88	5619	1560.889	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	82420	390.284	ug/l	98
52) Toluene	10.39	92	50064	45.823	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32209	57.010	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	35454	54.284	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	20858	69.076	ug/l	96
56) Ethyl methacrylate	10.65	69	3775	10.401	ug/l #	72
57) 1,3-Dichloropropane	10.93	76	34198	69.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	39830	237.978	ug/l	98
59) 2-Hexanone	10.97	43	47354	336.287	ug/l	100
60) Dibromochloromethane	11.13	129	22496	59.034	ug/l	97
61) 1,2-Dibromoethane	11.24	107	19799	66.350	ug/l	94
64) Tetrachloroethene	10.87	164	11319	36.772	ug/l	93
65) Chlorobenzene	11.66	112	44243	49.590	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	20351	64.766	ug/l	97
67) Ethyl Benzene	11.73	91	69384	45.234	ug/l	91
68) m/p-Xylenes	11.84	106	50832	85.244	ug/l	100
69) o-Xylene	12.17	106	25464	45.723	ug/l	100
70) Styrene	12.18	104	41165	45.763	ug/l	98
71) Bromoform	12.35	173	11543	71.770	ug/l #	98
73) Isopropylbenzene	12.47	105	49639	58.925	ug/l	99
74) N-amyl acetate	12.27	43	1187	7.753	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	17357	139.113	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	14901m	164.382	ug/l	
77) Bromobenzene	12.75	156	14804	79.281	ug/l	84
78) n-propylbenzene	12.81	91	47412	50.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	32197	56.127	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	36509	51.579	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5252	127.985	ug/l	97
82) 4-Chlorotoluene	12.99	91	33500	55.401	ug/l	97
83) tert-Butylbenzene	13.21	119	28311	45.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	37224	51.105	ug/l	99
85) sec-Butylbenzene	13.39	105	30468	35.785	ug/l	96
86) p-Isopropyltoluene	13.51	119	27746	36.275	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	17487	46.971	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	18313	48.928	ug/l	96
89) n-Butylbenzene	13.83	91	18893	26.644	ug/l	98
90) Hexachloroethane	14.10	117	4890	35.930	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	16287	48.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3075	122.810	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5053	22.020	ug/l	92
94) Hexachlorobutadiene	15.24	225	2003	16.451	ug/l	94
95) Naphthalene	15.38	128	15349	34.964	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	3995	20.041	ug/l	99

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

