

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101618\
 Data File : VW006111.D
 Acq On : 17 Oct 2018 07:22
 Operator : VA/AP
 Sample : J5539-08MS
 Misc : 10.11G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FTMS

Manual Integrations
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 10/17/2018 10:05:13 AM

Quant Time: Oct 17 08:09:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	281792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113995	59.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.62%	
35) Dibromofluoromethane	7.88	113	111411	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.33	98	463994	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
62) 4-Bromofluorobenzene	12.62	95	362090	119.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	239.94%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72861	64.046	ug/l	97
3) Chloromethane	2.21	50	81553	55.690	ug/l	99
4) Vinyl Chloride	2.37	62	130255	62.284	ug/l	97
5) Bromomethane	2.78	94	95288	50.096	ug/l	99
6) Chloroethane	2.93	64	81960	54.687	ug/l	98
7) Trichlorofluoromethane	3.26	101	92762	47.614	ug/l	95
8) Diethyl Ether	3.68	74	65080	62.856	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	96684	47.355	ug/l	98
10) Methyl Iodide	4.27	142	193283	56.878	ug/l	99
11) Tert butyl alcohol	5.20	59	45938	358.380	ug/l	99
12) 1,1-Dichloroethene	4.04	96	118829	61.864	ug/l	95
13) Acrolein	3.90	56	9980	80.462	ug/l	85
14) Allyl chloride	4.67	41	131353	47.826	ug/l	95
15) Acrylonitrile	5.37	53	141682	381.513	ug/l	99
16) Acetone	4.14	43	188137	543.545	ug/l	99
17) Carbon Disulfide	4.38	76	343601	59.271	ug/l	99
18) Methyl Acetate	4.68	43	111902	116.668	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	166335	56.855	ug/l	# 71
20) Methylene Chloride	4.92	84	144930	72.601	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	125137	58.366	ug/l	99
22) Diisopropyl ether	6.32	45	294582	54.276	ug/l	96
23) Vinyl Acetate	6.26	43	606749	189.430	ug/l	100
24) 1,1-Dichloroethane	6.21	63	209712	59.882	ug/l	99
25) 2-Butanone	7.18	43	201371	391.099	ug/l	99
26) 2,2-Dichloropropane	7.17	77	106592	43.154	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	140275	59.288	ug/l	96
28) Bromochloromethane	7.51	49	89257	66.017	ug/l	96
29) Tetrahydrofuran	7.54	42	122443	386.880	ug/l	98
30) Chloroform	7.68	83	225296	59.046	ug/l	100
31) Cyclohexane	7.96	56	101515	29.107	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	171513	49.831	ug/l	99
36) 1,1-Dichloropropene	8.09	75	152040	46.145	ug/l	100
37) Ethyl Acetate	7.26	43	79806	65.193	ug/l	99
38) Carbon Tetrachloride	8.07	117	146665	40.606	ug/l	99

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

39) Methylcyclohexane	9.34	83	243164	55.521	ug/l #	79
40) Benzene	8.32	78	465957	51.556	ug/l	100
41) Methacrylonitrile	7.49	41	46207	62.614	ug/l	93
42) 1,2-Dichloroethane	8.40	62	151922	57.214	ug/l	91
43) Isopropyl Acetate	8.43	43	206300	82.423	ug/l #	88
44) Trichloroethene	9.09	130	130754	47.155	ug/l	98
45) 1,2-Dichloropropane	9.37	63	114365	52.880	ug/l	99
46) Dibromomethane	9.46	93	70713	57.367	ug/l	98
47) Bromodichloromethane	9.65	83	165584	55.407	ug/l	97
48) Methyl methacrylate	9.44	41	91055	76.747	ug/l	92
49) 1,4-Dioxane	9.46	88	22520	1186.753	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	443042	353.282	ug/l	98
52) Toluene	10.39	92	262819	43.375	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	141855	47.642	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	159004	46.530	ug/l #	83
55) 1,1,2-Trichloroethane	10.77	97	620534	359.739	ug/l #	24
56) Ethyl methacrylate	10.66	69	671028	317.322	ug/l #	77
57) 1,3-Dichloropropane	10.93	76	157269	55.076	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	222634	275.527	ug/l	99
59) 2-Hexanone	10.94	43	1092440	1220.327	ug/l #	25
60) Dibromochloromethane	11.13	129	100825	46.926	ug/l	93
61) 1,2-Dibromoethane	11.24	107	98308	57.038	ug/l	83
64) Tetrachloroethene	10.87	164	92659	45.108	ug/l	99
65) Chlorobenzene	11.66	112	282328	49.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	102526	50.931	ug/l	99
67) Ethyl Benzene	11.74	91	410992	41.867	ug/l	99
68) m/p-Xylenes	11.85	106	304870	78.574	ug/l	96
69) o-Xylene	12.17	106	154496	41.780	ug/l	85
70) Styrene	12.19	104	263203	43.771	ug/l	94
71) Bromoform	12.35	173	62731	55.870	ug/l #	100
73) Isopropylbenzene	12.47	105	412232	20.707	ug/l	100
74) N-amyl acetate	12.26	43	1869543	483.506	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.70	83	463023	152.920	ug/l #	95
76) 1,2,3-Trichloropropane	12.77	75	88560m	41.146	ug/l	
77) Bromobenzene	12.75	156	118655	24.334	ug/l	91
78) n-propylbenzene	12.81	91	583751	25.204	ug/l	96
79) 2-Chlorotoluene	12.90	91	307531	23.632	ug/l	88
80) 1,3,5-Trimethylbenzene	12.95	105	210343	12.533	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	21241	23.590	ug/l #	1
82) 4-Chlorotoluene	12.99	91	264621m	19.412	ug/l	
83) tert-Butylbenzene	13.21	119	247954	16.513	ug/l	86
84) 1,2,4-Trimethylbenzene	13.26	105	222920	13.126	ug/l	98
85) sec-Butylbenzene	13.39	105	2440829	115.063	ug/l	82
86) p-Isopropyltoluene	13.51	119	156363	8.149	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	146241	15.070	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	148733	15.393	ug/l #	1
89) n-Butylbenzene	13.83	91	1374724	78.344	ug/l #	81
90) Hexachloroethane	14.11	117	243147	74.815	ug/l #	13
91) 1,2-Dichlorobenzene	13.88	146	148056	17.104	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26887	49.597	ug/l	61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	72025	10.814	ug/l #	1
94) Hexachlorobutadiene	15.25	225	13994	3.345	ug/l	99
95) Naphthalene	15.38	128	156781	14.150	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.59	180	122722	21.303	ug/l #	12

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

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