

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006351.D
 Acq On : 25 Oct 2018 07:30
 Operator : SY/AP
 Sample : J5626-03MSD
 Misc : 4.42G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Manual Integrations
 APPROVED

apatel
 10/25/2018 12:47:54 PM

Quant Time: Oct 25 08:04:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	160513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	251168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93309	70.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.24%	
35) Dibromofluoromethane	7.88	113	91729	61.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.62%	
50) Toluene-d8	10.32	98	248398	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.62	95	61279	28.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51862	65.292	ug/l	99
3) Chloromethane	2.21	50	75827	74.161	ug/l	100
4) Vinyl Chloride	2.37	62	106112	72.671	ug/l	100
5) Bromomethane	2.78	94	93580	70.462	ug/l	99
6) Chloroethane	2.93	64	75959	72.590	ug/l	97
7) Trichlorofluoromethane	3.26	101	80317	59.046	ug/l	97
8) Diethyl Ether	3.68	74	64738	89.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72416	50.800	ug/l	97
10) Methyl Iodide	4.26	142	174343	73.480	ug/l	99
11) Tert butyl alcohol	5.23	59	30854	344.744	ug/l	99
12) 1,1-Dichloroethene	4.03	96	87670	65.370	ug/l	94
13) Acrolein	3.90	56	15699	181.279	ug/l	93
14) Allyl chloride	4.67	41	129380	67.469	ug/l	99
15) Acrylonitrile	5.38	53	110110	424.654	ug/l	99
16) Acetone	4.14	43	106018	435.651	ug/l	98
17) Carbon Disulfide	4.37	76	209310	51.712	ug/l	100
18) Methyl Acetate	4.68	43	80989	120.936	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	177090	86.695	ug/l	97
20) Methylene Chloride	4.91	84	117359	84.469	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	102774	68.655	ug/l	98
22) Diisopropyl ether	6.31	45	300238	79.229	ug/l	95
23) Vinyl Acetate	6.32	43	165729	74.106	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	182996	74.838	ug/l	99
25) 2-Butanone	7.18	43	142816	397.265	ug/l	99
26) 2,2-Dichloropropane	7.17	77	91874	53.273	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	118942	72.001	ug/l	96
28) Bromochloromethane	7.51	49	73738	78.113	ug/l	91
29) Tetrahydrofuran	7.54	42	89891	406.792	ug/l	96
30) Chloroform	7.68	83	192363	72.206	ug/l	99
31) Cyclohexane	7.95	56	76233	31.306	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	143562	59.739	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110335	47.659	ug/l	99
37) Ethyl Acetate	7.26	43	43980	51.131	ug/l	99
38) Carbon Tetrachloride	8.07	117	119491	47.083	ug/l	96

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

39) Methylcyclohexane	9.34	83	60493	19.657	ug/l	100
40) Benzene	8.32	78	389535	61.340	ug/l	99
41) Methacrylonitrile	7.49	41	36807	70.984	ug/l	93
42) 1,2-Dichloroethane	8.40	62	133164	71.373	ug/l	100
43) Isopropyl Acetate	8.43	43	88394	50.262	ug/l	94
44) Trichloroethene	9.09	130	97896	50.247	ug/l	99
45) 1,2-Dichloropropane	9.37	63	94997	62.514	ug/l	98
46) Dibromomethane	9.46	93	57691	66.610	ug/l	98
47) Bromodichloromethane	9.65	83	122673	58.420	ug/l	99
48) Methyl methacrylate	9.44	41	72150	86.549	ug/l	99
49) 1,4-Dioxane	9.48	88	18200	1364.996	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	313320	355.577	ug/l	98
52) Toluene	10.39	92	201339	47.291	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112182	53.622	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	135756	56.539	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77715	64.120	ug/l	98
56) Ethyl methacrylate	10.65	69	82356	55.427	ug/l	96
57) 1,3-Dichloropropane	10.93	76	124929	62.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	171154	301.458	ug/l	98
59) 2-Hexanone	10.97	43	207708	330.217	ug/l	96
60) Dibromochloromethane	11.13	129	80370	53.236	ug/l	99
61) 1,2-Dibromoethane	11.24	107	72657	59.996	ug/l	100
64) Tetrachloroethene	10.87	164	66630	53.799	ug/l	98
65) Chlorobenzene	11.66	112	194990	57.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81653	67.276	ug/l	98
67) Ethyl Benzene	11.73	91	289433	48.902	ug/l	97
68) m/p-Xylenes	11.84	106	216438	92.520	ug/l	99
69) o-Xylene	12.17	106	108084	48.479	ug/l	100
70) Styrene	12.18	104	180083	49.672	ug/l	99
71) Bromoform	12.35	173	43409	64.123	ug/l #	98
73) Isopropylbenzene	12.47	105	225201	72.842	ug/l	100
74) N-amyl acetate	12.28	43	3726	6.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	69440	147.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57902m	173.227	ug/l	
77) Bromobenzene	12.75	156	71096	93.887	ug/l	94
78) n-propylbenzene	12.81	91	216932	60.311	ug/l	100
79) 2-Chlorotoluene	12.90	91	140534	69.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	156103	59.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	18354	131.257	ug/l	95
82) 4-Chlorotoluene	12.99	91	141906	67.032	ug/l	100
83) tert-Butylbenzene	13.21	119	130521	55.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	156593	59.375	ug/l	100
85) sec-Butylbenzene	13.39	105	146961	44.610	ug/l	98
86) p-Isopropyltoluene	13.51	119	126811	42.558	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	83291	55.268	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84065	56.024	ug/l	100
89) n-Butylbenzene	13.83	91	92012	33.765	ug/l	99
90) Hexachloroethane	14.10	117	19506	38.647	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	78862	58.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9063	107.650	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28984	28.021	ug/l	98
94) Hexachlorobutadiene	15.24	225	12791	19.686	ug/l	99
95) Naphthalene	15.38	128	85032	49.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21571	24.111	ug/l	97

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

