

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006350.D
 Acq On : 25 Oct 2018 07:05
 Operator : SY/AP
 Sample : J5626-02MS
 Misc : 3.77G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Manual Integrations
 APPROVED

apatel
 10/25/2018 12:47:50 PM

Quant Time: Oct 25 08:00:47 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	136340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	213688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	86963	76.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.88%	
35) Dibromofluoromethane	7.88	113	79325	62.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.64%	
50) Toluene-d8	10.33	98	198820	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
62) 4-Bromofluorobenzene	12.62	95	45902	25.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	49449	73.292	ug/l	97
3) Chloromethane	2.21	50	69572	80.108	ug/l	98
4) Vinyl Chloride	2.37	62	98339	79.288	ug/l	100
5) Bromomethane	2.79	94	86416	76.605	ug/l	98
6) Chloroethane	2.93	64	70476	79.292	ug/l	95
7) Trichlorofluoromethane	3.26	101	67914	58.780	ug/l	100
8) Diethyl Ether	3.68	74	59737	97.284	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60868	50.269	ug/l	99
10) Methyl Iodide	4.27	142	158393	78.594	ug/l	99
11) Tert butyl alcohol	5.24	59	37107	488.122	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	76187	66.880	ug/l	94
13) Acrolein	3.90	56	22486	305.685	ug/l	98
14) Allyl chloride	4.67	41	117838	72.345	ug/l	98
15) Acrylonitrile	5.38	53	122551	556.433	ug/l	99
16) Acetone	4.15	43	123904	605.335	ug/l	100
17) Carbon Disulfide	4.38	76	180104	52.385	ug/l	99
18) Methyl Acetate	4.68	43	129795	228.178	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	173909	100.232	ug/l	100
20) Methylene Chloride	4.92	84	133791	113.945	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	89500	70.388	ug/l	97
22) Diisopropyl ether	6.32	45	279396	86.801	ug/l	97
23) Vinyl Acetate	6.26	43	212146	111.680	ug/l	99
24) 1,1-Dichloroethane	6.21	63	156653	75.424	ug/l	99
25) 2-Butanone	7.18	43	168129	550.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	78029	53.267	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102299	72.905	ug/l	97
28) Bromochloromethane	7.51	49	71084	88.652	ug/l	93
29) Tetrahydrofuran	7.54	42	103764	552.828	ug/l	98
30) Chloroform	7.68	83	161566	71.399	ug/l	98
31) Cyclohexane	7.95	56	64147	31.013	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	117858	57.739	ug/l	99
36) 1,1-Dichloropropene	8.09	75	90873	46.138	ug/l	99
37) Ethyl Acetate	7.26	43	49997	68.322	ug/l	98
38) Carbon Tetrachloride	8.07	117	95498	44.229	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50248	19.192	ug/l	99
40) Benzene	8.32	78	325736	60.290	ug/l	97
41) Methacrylonitrile	7.49	41	41283	93.581	ug/l	95
42) 1,2-Dichloroethane	8.40	62	122038	76.882	ug/l	99
43) Isopropyl Acetate	8.43	43	103612	69.248	ug/l	99
44) Trichloroethene	9.09	130	78535	47.380	ug/l	99
45) 1,2-Dichloropropane	9.37	63	79111	61.191	ug/l	100
46) Dibromomethane	9.46	93	53695	72.870	ug/l	97
47) Bromodichloromethane	9.65	83	100958	56.512	ug/l	99
48) Methyl methacrylate	9.44	41	71530	100.855	ug/l	98
49) 1,4-Dioxane	9.48	88	23075	2034.164	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	344273	459.232	ug/l	97
52) Toluene	10.39	92	160110	44.203	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97195	54.606	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	115669	56.623	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	68782	66.704	ug/l	96
56) Ethyl methacrylate	10.65	69	85869	67.928	ug/l	97
57) 1,3-Dichloropropane	10.93	76	110892	64.964	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	177736	367.959	ug/l	98
59) 2-Hexanone	10.98	43	236388	441.729	ug/l	96
60) Dibromochloromethane	11.13	129	66791	52.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	65248	63.328	ug/l	99
64) Tetrachloroethene	10.87	164	52661	54.173	ug/l	98
65) Chlorobenzene	11.66	112	150970	56.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62944	66.073	ug/l	98
67) Ethyl Benzene	11.74	91	219631	47.277	ug/l	98
68) m/p-Xylenes	11.84	106	165035	89.879	ug/l	98
69) o-Xylene	12.17	106	81530	46.590	ug/l	100
70) Styrene	12.18	104	137079	48.172	ug/l	99
71) Bromoform	12.35	173	36856	69.363	ug/l #	99
73) Isopropylbenzene	12.47	105	169904	72.746	ug/l	99
74) N-amyl acetate	12.28	43	47446	104.590	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	60416	170.075	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	52118m	206.397	ug/l	
77) Bromobenzene	12.75	156	53946	94.301	ug/l	91
78) n-propylbenzene	12.81	91	163398	60.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	102624	67.219	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	115147	58.481	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16905	160.030	ug/l	92
82) 4-Chlorotoluene	12.99	91	104071	65.073	ug/l	100
83) tert-Butylbenzene	13.21	119	95769	54.364	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	114776	57.607	ug/l	100
85) sec-Butylbenzene	13.39	105	110445	44.378	ug/l	99
86) p-Isopropyltoluene	13.51	119	94378	41.926	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	61372	53.906	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	60695	53.543	ug/l	99
89) n-Butylbenzene	13.83	91	69064	33.548	ug/l	98
90) Hexachloroethane	14.10	117	13542	35.516	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	58981	58.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8178	128.583	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	21869	27.987	ug/l	100
94) Hexachlorobutadiene	15.24	225	8191	16.687	ug/l	96
95) Naphthalene	15.38	128	70147	53.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	16501	24.415	ug/l	97

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

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