

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007719.D
 Acq On : 19 Dec 2018 23:55
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:19 AM

Quant Time: Dec 20 07:42:20 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	79423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47799	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
35) Dibromofluoromethane	7.88	113	43671	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	10.32	98	167276	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.62	95	63735	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33050	46.809	ug/l	96
3) Chloromethane	2.21	50	25768	59.433	ug/l	99
4) Vinyl Chloride	2.37	62	28405	51.467	ug/l	97
5) Bromomethane	2.78	94	22939	59.674	ug/l	98
6) Chloroethane	2.93	64	17941	60.762	ug/l	98
7) Trichlorofluoromethane	3.26	101	27286	47.488	ug/l	97
8) Diethyl Ether	3.68	74	21094	59.936	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	41872	49.481	ug/l	99
10) Methyl Iodide	4.26	142	73474	54.597	ug/l	98
11) Tert butyl alcohol	5.18	59	15361	261.585	ug/l	97
12) 1,1-Dichloroethene	4.04	96	40505	51.691	ug/l	95
13) Acrolein	3.89	56	12366	263.373	ug/l	98
14) Allyl chloride	4.67	41	58846	57.266	ug/l	96
15) Acrylonitrile	5.36	53	42222	281.243	ug/l	99
16) Acetone	4.12	43	37767	231.683	ug/l	92
17) Carbon Disulfide	4.37	76	123362	50.873	ug/l	98
18) Methyl Acetate	4.67	43	22201	57.267	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	66594	59.197	ug/l	96
20) Methylene Chloride	4.91	84	46903	58.622	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46033	53.414	ug/l	92
22) Diisopropyl ether	6.31	45	117414	61.022	ug/l	98
23) Vinyl Acetate	6.25	43	331157	289.681	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77752	54.929	ug/l	99
25) 2-Butanone	7.17	43	50261	263.237	ug/l	99
26) 2,2-Dichloropropane	7.17	77	53596	51.743	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51539	56.132	ug/l	99
28) Bromochloromethane	7.51	49	27400	56.773	ug/l	96
29) Tetrahydrofuran	7.53	42	32257	283.231	ug/l	99
30) Chloroform	7.67	83	87698	54.746	ug/l	97
31) Cyclohexane	7.96	56	65238	50.343	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76340	52.326	ug/l	100
36) 1,1-Dichloropropene	8.08	75	65109	50.884	ug/l	100
37) Ethyl Acetate	7.25	43	23977	54.296	ug/l	97
38) Carbon Tetrachloride	8.07	117	70868	47.028	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79336	49.897	ug/l	99
40) Benzene	8.32	78	179845	52.671	ug/l	98
41) Methacrylonitrile	7.49	41	14327	57.144	ug/l	93
42) 1,2-Dichloroethane	8.40	62	59705	52.177	ug/l	99
43) Isopropyl Acetate	8.43	43	48594	54.926	ug/l	99
44) Trichloroethene	9.09	130	52543	50.884	ug/l	99
45) 1,2-Dichloropropane	9.37	63	42290	55.818	ug/l	98
46) Dibromomethane	9.46	93	24037	51.539	ug/l	99
47) Bromodichloromethane	9.65	83	64634	52.715	ug/l	98
48) Methyl methacrylate	9.43	41	23881	54.077	ug/l	99
49) 1,4-Dioxane	9.45	88	8254	1116.260	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	111602	266.917	ug/l	99
52) Toluene	10.39	92	121010	52.822	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64463	52.858	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	72931	54.140	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34003	52.886	ug/l	97
56) Ethyl methacrylate	10.65	69	42578	56.049	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57531	53.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	97022	279.734	ug/l	99
59) 2-Hexanone	10.97	43	77146	262.359	ug/l	100
60) Dibromochloromethane	11.13	129	44905	52.748	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34075	52.335	ug/l	100
64) Tetrachloroethene	10.86	164	45378	53.023	ug/l	96
65) Chlorobenzene	11.66	112	137881	52.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	48832	52.244	ug/l	99
67) Ethyl Benzene	11.73	91	242321	53.984	ug/l	99
68) m/p-Xylenes	11.84	106	182660	104.901	ug/l	99
69) o-Xylene	12.17	106	88658	54.318	ug/l	98
70) Styrene	12.18	104	146439	54.580	ug/l	99
71) Bromoform	12.35	173	24818	51.149	ug/l #	100
73) Isopropylbenzene	12.47	105	247563	54.191	ug/l	100
74) N-amyl acetate	12.27	43	44387	56.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36567	53.386	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28204m	60.378	ug/l	
77) Bromobenzene	12.75	156	55747	53.247	ug/l	98
78) n-propylbenzene	12.81	91	285643	53.714	ug/l	100
79) 2-Chlorotoluene	12.90	91	168273	54.318	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	217743	55.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11252	50.562	ug/l	97
82) 4-Chlorotoluene	12.99	91	178006	53.965	ug/l	100
83) tert-Butylbenzene	13.21	119	185695	53.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	227790	57.288	ug/l	99
85) sec-Butylbenzene	13.39	105	253679	53.237	ug/l	99
86) p-Isopropyltoluene	13.50	119	228849	52.816	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109986	52.911	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109546	52.684	ug/l	99
89) n-Butylbenzene	13.83	91	207934	52.340	ug/l	100
90) Hexachloroethane	14.10	117	39359	51.741	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	99207	53.304	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7251	51.548	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	68470	52.999	ug/l	98
94) Hexachlorobutadiene	15.24	225	35260	51.070	ug/l	98
95) Naphthalene	15.38	128	140116	58.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	59027	53.375	ug/l	100

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

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