

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
 Data File : VW006094.D
 Acq On : 16 Oct 2018 23:11
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 17 08:21:30 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	261610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118373	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.88	113	121085	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.33	98	458808	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	174702	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	57836	44.675	ug/l	96
3) Chloromethane	2.21	50	79751	47.857	ug/l	99
4) Vinyl Chloride	2.37	62	121191	50.924	ug/l	100
5) Bromomethane	2.78	94	120831	55.822	ug/l	99
6) Chloroethane	2.93	64	89441	52.443	ug/l	97
7) Trichlorofluoromethane	3.26	101	106605	48.085	ug/l	99
8) Diethyl Ether	3.68	74	60480	51.331	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113441	48.826	ug/l	99
10) Methyl Iodide	4.27	142	204967	53.004	ug/l	99
11) Tert butyl alcohol	5.21	59	38284	262.458	ug/l	99
12) 1,1-Dichloroethene	4.04	96	114238	52.263	ug/l	92
13) Acrolein	3.89	56	37583	266.270	ug/l	95
14) Allyl chloride	4.67	41	162374	51.953	ug/l	99
15) Acrylonitrile	5.37	53	118944	281.454	ug/l	100
16) Acetone	4.14	43	101571	249.599	ug/l	95
17) Carbon Disulfide	4.38	76	334610	50.722	ug/l	100
18) Methyl Acetate	4.68	43	59547	54.556	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	179328	53.864	ug/l	99
20) Methylene Chloride	4.92	84	123923	54.133	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131602	53.939	ug/l	97
22) Diisopropyl ether	6.31	45	338797	54.855	ug/l	97
23) Vinyl Acetate	6.26	43	1009823	277.048	ug/l	99
24) 1,1-Dichloroethane	6.21	63	219965	55.194	ug/l	99
25) 2-Butanone	7.18	43	157991	269.645	ug/l	100
26) 2,2-Dichloropropane	7.17	77	133982	47.667	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148318	55.087	ug/l	98
28) Bromochloromethane	7.51	49	87886	57.122	ug/l	98
29) Tetrahydrofuran	7.54	42	102644	285.001	ug/l	99
30) Chloroform	7.68	83	239365	55.128	ug/l	98
31) Cyclohexane	7.96	56	184786	46.560	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	202344	51.661	ug/l	99
36) 1,1-Dichloropropene	8.09	75	180922	50.737	ug/l	99
37) Ethyl Acetate	7.26	43	71413	53.902	ug/l	99
38) Carbon Tetrachloride	8.07	117	194952	49.872	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226998	47.890	ug/l	99
40) Benzene	8.32	78	518605	53.019	ug/l	100
41) Methacrylonitrile	7.49	41	42096	52.707	ug/l	93
42) 1,2-Dichloroethane	8.40	62	157499	54.805	ug/l	100
43) Isopropyl Acetate	8.43	43	149066	55.029	ug/l	98
44) Trichloroethene	9.09	130	156366	52.106	ug/l	97
45) 1,2-Dichloropropane	9.37	63	125453	53.598	ug/l	100
46) Dibromomethane	9.46	93	73901	55.396	ug/l	99
47) Bromodichloromethane	9.65	83	175155	54.155	ug/l	99
48) Methyl methacrylate	9.44	41	70878	55.199	ug/l	97
49) 1,4-Dioxane	9.47	88	22711	1105.843	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	374468	275.903	ug/l	99
52) Toluene	10.39	92	345274	52.651	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	172886	53.650	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	196937	53.249	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101719	54.487	ug/l	98
56) Ethyl methacrylate	10.65	69	127226	55.590	ug/l	97
57) 1,3-Dichloropropane	10.94	76	166674	53.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	238520	272.748	ug/l	99
59) 2-Hexanone	10.98	43	259632	267.980	ug/l	99
60) Dibromochloromethane	11.13	129	128333	55.189	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103915	55.708	ug/l	99
64) Tetrachloroethene	10.87	164	144684	51.896	ug/l	99
65) Chlorobenzene	11.66	112	403995	52.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	146638	53.672	ug/l	99
67) Ethyl Benzene	11.74	91	690374	51.817	ug/l	99
68) m/p-Xylenes	11.84	106	548466	104.150	ug/l	100
69) o-Xylene	12.17	106	263898	52.582	ug/l	100
70) Styrene	12.19	104	438371	53.714	ug/l	100
71) Bromoform	12.35	173	83766	54.968	ug/l #	98
73) Isopropylbenzene	12.47	105	729466	50.081	ug/l	100
74) N-amyl acetate	12.28	43	153469	54.248	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	121429	54.812	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81452m	51.723	ug/l	
77) Bromobenzene	12.75	156	187946	52.681	ug/l	100
78) n-propylbenzene	12.81	91	843455	49.773	ug/l	100
79) 2-Chlorotoluene	12.90	91	483845	50.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	620673	50.547	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33531	50.898	ug/l	99
82) 4-Chlorotoluene	12.99	91	515927	51.728	ug/l	100
83) tert-Butylbenzene	13.21	119	549836	50.048	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	633378	50.975	ug/l	100
85) sec-Butylbenzene	13.39	105	771741	49.724	ug/l	100
86) p-Isopropyltoluene	13.51	119	693333	49.388	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	366934	51.680	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	361048	51.072	ug/l	99
89) n-Butylbenzene	13.83	91	622969	48.523	ug/l	99
90) Hexachloroethane	14.10	117	120409	50.637	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	331113	52.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20679	52.135	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	240604	49.374	ug/l	100
94) Hexachlorobutadiene	15.24	225	148425	48.485	ug/l	99
95) Naphthalene	15.38	128	429734	53.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	212435	50.400	ug/l	100

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

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