

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008282.D
 Acq On : 15 Jan 2019 14:18
 Operator : SY/VA
 Sample : K1088-08MS
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

Quant Time: Jan 16 01:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	145993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	264102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74911	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80776	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.88	113	84631	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
50) Toluene-d8	10.32	98	297412	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.62	95	86812	37.46	ug/l	0.00
Spiked Amount			Recovery	=	74.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	29359	24.641	ug/l	99
3) Chloromethane	2.21	50	39410	25.495	ug/l	97
4) Vinyl Chloride	2.37	62	51775	25.663	ug/l	99
5) Bromomethane	2.79	94	37295	24.677	ug/l	92
6) Chloroethane	2.93	64	35608	23.455	ug/l	100
7) Trichlorofluoromethane	3.26	101	32123	19.585	ug/l	98
8) Diethyl Ether	3.68	74	23357	25.190	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18463	11.338	ug/l	93
10) Methyl Iodide	4.26	142	59915	25.245	ug/l	98
11) Tert butyl alcohol	5.23	59	11301m	95.628	ug/l	
12) 1,1-Dichloroethene	4.04	96	35308	22.084	ug/l	97
13) Acrolein	3.90	56	5561	49.707	ug/l	97
14) Allyl chloride	4.67	41	67320	23.192	ug/l	98
15) Acrylonitrile	5.37	53	38123	107.994	ug/l	98
16) Acetone	4.14	43	42192	133.169	ug/l	97
17) Carbon Disulfide	4.37	76	106115	21.247	ug/l	99
18) Methyl Acetate	4.67	43	25648	24.732	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	63693	24.505	ug/l	97
20) Methylene Chloride	4.91	84	45931	26.136	ug/l	88
21) trans-1,2-Dichloroethene	5.42	96	42213	24.296	ug/l	90
22) Diisopropyl ether	6.31	45	138685	25.051	ug/l	98
23) Vinyl Acetate	6.26	43	301530	103.707	ug/l	100
24) 1,1-Dichloroethane	6.21	63	79137	24.534	ug/l	98
25) 2-Butanone	7.18	43	52804	115.663	ug/l	99
26) 2,2-Dichloropropane	7.16	77	45601	20.864	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46922	24.753	ug/l	94
28) Bromochloromethane	7.51	49	29334	22.992	ug/l	88
29) Tetrahydrofuran	7.54	42	32525	106.654	ug/l	98
30) Chloroform	7.67	83	78502	25.568	ug/l	97
31) Cyclohexane	7.95	56	25736	7.453	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	50275	18.819	ug/l	99
36) 1,1-Dichloropropene	8.08	75	40833	15.009	ug/l	98
37) Ethyl Acetate	7.25	43	23189	21.276	ug/l	97
38) Carbon Tetrachloride	8.06	117	34975	14.046	ug/l	99

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

39) Methylcyclohexane	9.33	83	37337	10.824	ug/l	96
40) Benzene	8.32	78	159354	21.596	ug/l	95
41) Methacrylonitrile	7.48	41	12018	17.455	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	47172	22.730	ug/l	96
43) Isopropyl Acetate	8.43	43	47918	21.989	ug/l	98
44) Trichloroethene	9.09	130	33323	17.642	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40768	22.282	ug/l	95
46) Dibromomethane	9.46	93	20111	22.382	ug/l	95
47) Bromodichloromethane	9.65	83	52875	23.175	ug/l #	99
48) Methyl methacrylate	9.43	41	22653	22.030	ug/l	95
49) 1,4-Dioxane	9.48	88	5717	395.635	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	113976	108.051	ug/l	100
52) Toluene	10.39	92	71862	15.250	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	49090	20.685	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	59833	21.261	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28624	22.690	ug/l	96
56) Ethyl methacrylate	10.65	69	35258	22.568	ug/l	99
57) 1,3-Dichloropropane	10.93	76	47494	20.585	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	87419	108.324	ug/l	98
59) 2-Hexanone	10.97	43	81700	114.533	ug/l	99
60) Dibromochloromethane	11.13	129	30556	22.057	ug/l	100
61) 1,2-Dibromoethane	11.24	107	25888	21.627	ug/l	99
64) Tetrachloroethene	10.86	164	12977	9.880	ug/l	94
65) Chlorobenzene	11.66	112	69222	16.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	26395	18.979	ug/l	98
67) Ethyl Benzene	11.73	91	85485	10.926	ug/l	96
68) m/p-Xylenes	11.84	106	65726	22.010	ug/l	96
69) o-Xylene	12.17	106	39049	14.121	ug/l	95
70) Styrene	12.18	104	58108	13.415	ug/l	97
71) Bromoform	12.35	173	14140	22.718	ug/l #	93
73) Isopropylbenzene	12.47	105	99417	16.904	ug/l	86
74) N-amyl acetate	12.27	43	39672	30.460	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	25920	27.534	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18538m	27.146	ug/l	
77) Bromobenzene	12.75	156	20719	16.673	ug/l	92
78) n-propylbenzene	12.80	91	68710	9.535	ug/l	98
79) 2-Chlorotoluene	12.90	91	42974	10.689	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	47385	9.805	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8449	28.811	ug/l	89
82) 4-Chlorotoluene	12.99	91	46773	11.046	ug/l	99
83) tert-Butylbenzene	13.21	119	25771	6.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	55627	11.160	ug/l	99
85) sec-Butylbenzene	13.38	105	40594	6.481	ug/l	93
86) p-Isopropyltoluene	13.50	119	159204	29.436	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	24237	9.615	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	25376	10.033	ug/l	93
89) n-Butylbenzene	13.83	91	28988	5.472	ug/l	90
90) Hexachloroethane	14.10	117	6318	6.916	ug/l	81
91) 1,2-Dichlorobenzene	13.88	146	23355	10.542	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3812	25.162	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	7372	5.012	ug/l #	44
94) Hexachlorobutadiene	15.24	225	2070	2.629	ug/l	97
95) Naphthalene	15.38	128	34225	12.462	ug/l	95
96) 1,2,3-Trichlorobenzene	15.57	180	6097	4.863	ug/l #	50

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

