

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005008.D
 Acq On : 30 Aug 2018 05:37
 Operator : SY/AP
 Sample : J4274-05RE
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-082718RE

Quant Time: Aug 30 08:41:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	5998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	10342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	3519	85.77	ug/l	0.00
Spiked Amount			Recovery	=	171.54%	
35) Dibromofluoromethane	7.90	113	870	16.98	ug/l	0.00
Spiked Amount			Recovery	=	33.96%	
50) Toluene-d8	10.32	98	11528	40.97	ug/l	0.00
Spiked Amount			Recovery	=	81.94%	
62) 4-Bromofluorobenzene	12.63	95	5503	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	3113	42.301	ug/l	91
5) Bromomethane	2.78	94	1394	29.032	ug/l #	21
6) Chloroethane	2.79	64	1229047	28294.484	ug/l #	50
8) Diethyl Ether	3.70	74	238	11.021	ug/l	52
10) Methyl Iodide	4.27	142	1051	16.463	ug/l #	87
11) Tert butyl alcohol	5.13	59	311	104.614	ug/l #	73
12) 1,1-Dichloroethene	4.06	96	133	3.037	ug/l #	1
13) Acrolein	3.91	56	59	16.864	ug/l #	74
15) Acrylonitrile	5.42	53	22	1.998	ug/l #	63
16) Acetone	4.21	43	10657	1151.801	ug/l	98
17) Carbon Disulfide	4.37	76	630	3.422	ug/l #	74
18) Methyl Acetate	4.71	43	363	16.197	ug/l	90
19) Methyl tert-butyl Ether	5.44	73	393	4.176	ug/l #	54
20) Methylene Chloride	4.90	84	616	5.305	ug/l #	87
21) trans-1,2-Dichloroethene	5.42	96	117	2.460	ug/l #	1
23) Vinyl Acetate	6.26	43	115	1.634	ug/l #	70
25) 2-Butanone	7.18	43	163	11.297	ug/l #	45
26) 2,2-Dichloropropane	7.17	77	646	8.836	ug/l #	51
29) Tetrahydrofuran	7.57	42	490	67.227	ug/l #	52
30) Chloroform	7.68	83	94	1.147	ug/l #	17
31) Cyclohexane	7.96	56	365	4.134	ug/l #	43
37) Ethyl Acetate	7.30	43	144	4.559	ug/l #	85
38) Carbon Tetrachloride	7.94	117	563	6.639	ug/l #	11
39) Methylcyclohexane	9.33	83	596	4.934	ug/l #	54
40) Benzene	8.33	78	1159	4.132	ug/l	93
41) Methacrylonitrile	7.50	41	231	12.550	ug/l #	21
43) Isopropyl Acetate	8.46	43	257	4.089	ug/l #	49
48) Methyl methacrylate	9.40	41	222	8.348	ug/l #	78
49) 1,4-Dioxane	9.55	88	448	710.746	ug/l #	61
51) 4-Methyl-2-Pentanone	10.21	43	443	9.411	ug/l #	34
52) Toluene	10.39	92	1613	7.751	ug/l	83
53) t-1,3-Dichloropropene	10.61	75	249	3.106	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	432	8.689	ug/l #	16
56) Ethyl methacrylate	10.66	69	127	1.948	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	10.98	43	847	24.852	ug/l #	47
60) Dibromochloromethane	10.86	129	245	4.490	ug/l #	11
64) Tetrachloroethene	10.87	164	321	3.436	ug/l #	55
65) Chlorobenzene	11.66	112	634	2.252	ug/l	91
67) Ethyl Benzene	11.74	91	974	2.021	ug/l #	82
68) m/p-Xylenes	11.85	106	1228	6.247	ug/l	97
69) o-Xylene	12.17	106	748	4.164	ug/l	81
70) Styrene	12.19	104	947	3.178	ug/l #	91
74) N-amyl acetate	12.27	43	1092	8.278	ug/l #	60
76) 1,2,3-Trichloropropane	12.78	75	296	3.986	ug/l #	100
77) Bromobenzene	12.76	156	417	2.431	ug/l #	20
78) n-propylbenzene	12.82	91	1513	1.755	ug/l	89
80) 1,3,5-Trimethylbenzene	12.96	105	1421	2.301	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	3488	106.143	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.26	105	4571	7.294	ug/l	80
85) sec-Butylbenzene	13.40	105	1719	2.258	ug/l	83
86) p-Isopropyltoluene	13.51	119	962	1.410	ug/l #	71
87) 1,3-Dichlorobenzene	13.51	146	1287	3.540	ug/l #	78
88) 1,4-Dichlorobenzene	13.58	146	1523	4.229	ug/l #	63
89) n-Butylbenzene	13.83	91	2571	4.015	ug/l #	54
90) Hexachloroethane	14.11	117	613	5.717	ug/l #	5
91) 1,2-Dichlorobenzene	13.88	146	1131	3.534	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	96	5.252	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	2955	13.179	ug/l	94
94) Hexachlorobutadiene	15.24	225	441	3.142	ug/l	98
95) Naphthalene	15.38	128	104984	233.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	3609	18.220	ug/l #	1

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

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