

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012419.D
 Acq On : 01 Sep 2019 00:37
 Operator : SY/VA
 Sample : K4517-11
 Misc : 4.81G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D4-(2.5)

Quant Time: Sep 01 03:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	10117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	851	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	4598	56.47	ug/l	0.00
Spiked Amount			Recovery	=	112.94%	
35) Dibromofluoromethane	7.89	113	3703	61.32	ug/l	0.00
Spiked Amount			Recovery	=	122.64%	
50) Toluene-d8	10.32	98	11128	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.62	95	1284	14.88	ug/l	0.00
Spiked Amount			Recovery	=	29.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	263	4.025	ug/l #	43
6) Chloroethane	2.90	64	74	1.640	ug/l #	45
8) Diethyl Ether	3.67	74	82	2.151	ug/l	68
11) Tert butyl alcohol	5.18	59	31	6.326	ug/l #	71
13) Acrolein	3.90	56	30	6.504	ug/l	88
15) Acrylonitrile	5.38	53	45	2.382	ug/l #	1
16) Acetone	4.13	43	1091	52.414	ug/l #	86
20) Methylene Chloride	4.92	84	1459	18.541	ug/l #	86
25) 2-Butanone	7.19	43	95	3.359	ug/l #	5
29) Tetrahydrofuran	7.54	42	130	7.661	ug/l #	57
36) 1,1-Dichloropropene	7.95	75	675	6.456	ug/l #	47
37) Ethyl Acetate	7.24	43	88	1.536	ug/l #	61
38) Carbon Tetrachloride	7.96	117	810	8.951	ug/l #	12
40) Benzene	8.46	78	2625	9.195	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	68	1.260	ug/l #	40
55) 1,1,2-Trichloroethane	10.71	97	103	2.130	ug/l #	14
58) 2-Chloroethyl Vinyl ether	10.03	63	49	1.356	ug/l #	50
60) Dibromochloromethane	10.87	129	58	1.077	ug/l #	11
74) N-amyl acetate	12.27	43	21	1.090	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.71	83	22	1.882	ug/l #	26
76) 1,2,3-Trichloropropane	12.72	75	25	3.016	ug/l #	100
77) Bromobenzene	12.77	156	23	1.667	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	820	216.922	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.38	105	93	1.738	ug/l #	32
85) sec-Butylbenzene	13.38	105	93	1.438	ug/l #	57
90) Hexachloroethane	13.86	117	26	2.566	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.74	75	20	10.148	ug/l #	5
95) Naphthalene	15.38	128	20	4.890	ug/l #	69

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

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