

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011948.D
 Acq On : 16 Aug 2019 00:46
 Operator : SY/VA
 Sample : K4372-01
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMPOSITE

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:27:22 AM

Quant Time: Aug 16 05:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	268749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108300	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	7.88	113	84238	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
50) Toluene-d8	10.32	98	306090	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	81443	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	3707	3.791	ug/l	70
16) Acetone	4.13	43	89134	147.137	ug/l	96
17) Carbon Disulfide	4.39	76	10361	1.917	ug/l	95
20) Methylene Chloride	4.91	84	27639	13.229	ug/l	97
25) 2-Butanone	7.18	43	13030	16.438	ug/l	96
29) Tetrahydrofuran	7.54	42	5449	12.026	ug/l	98
31) Cyclohexane	7.96	56	46429	13.039	ug/l #	89
39) Methylcyclohexane	9.34	83	5411	1.758	ug/l #	83
40) Benzene	8.32	78	16236	2.074	ug/l	94
52) Toluene	10.39	92	77609	16.418	ug/l	99
65) Chlorobenzene	11.66	112	207086	58.966	ug/l	99
67) Ethyl Benzene	11.73	91	174026	26.018	ug/l	99
68) m/p-Xylenes	11.83	106	15438	6.347	ug/l	93
69) o-Xylene	12.16	106	13667	6.046	ug/l	95
73) Isopropylbenzene	12.46	105	495166	142.528	ug/l	100
78) n-propylbenzene	12.80	91	60594	14.331	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.25	105	115173	39.259	ug/l	99
85) sec-Butylbenzene	13.38	105	21999m	6.331	ug/l	
86) p-Isopropyltoluene	13.50	119	127196	40.344	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	30848	20.488	ug/l	86
88) 1,4-Dichlorobenzene	13.58	146	59918m	40.004	ug/l	
89) n-Butylbenzene	13.82	91	24669m	7.841	ug/l	
95) Naphthalene	15.36	128	68664	37.871	ug/l	97

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

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