

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
 Data File : VD061715.D
 Acq On : 10 Apr 2019 16:14
 Operator : VA/AP
 Sample : K2316-03
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190171-COMP-CS-3

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:45:46 AM

Quant Time: Apr 11 08:13:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	565530	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	874950	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	653483	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	206773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	250454	58.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	6.95	113	406698	67.10	ug/l	0.03
Spiked Amount	50.000		Recovery	=	134.20%	
50) Toluene-d8	10.43	98	921129	60.49	ug/l	0.02
Spiked Amount	50.000		Recovery	=	120.98%	
62) 4-Bromofluorobenzene	13.56	95	260300	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	148994	116.271	ug/l	98
17) Carbon Disulfide	3.41	76	87689	4.577	ug/l	97
20) Methylene Chloride	3.84	84	58046	7.983	ug/l	99
25) 2-Butanone	6.10	43	51115	34.601	ug/l #	88
31) Cyclohexane	6.98	56	10387	1.287	ug/l	95
40) Benzene	7.48	78	2252824	121.950	ug/l	99
52) Toluene	10.53	92	205864	17.846	ug/l	98
65) Chlorobenzene	12.41	112	293995	22.686	ug/l	99
67) Ethyl Benzene	12.53	91	291712	14.782	ug/l	98
68) m/p-Xylenes	12.67	106	222124	29.196	ug/l	97
69) o-Xylene	13.06	106	99322	13.524	ug/l	95
73) Isopropylbenzene	13.41	105	608751	44.185	ug/l	99
78) n-propylbenzene	13.78	91	43624	2.647	ug/l	84
79) 2-Chlorotoluene	13.84	91	191569	20.327	ug/l	92
80) 1,3,5-Trimethylbenzene	13.94	105	61530	5.627	ug/l	99
83) tert-Butylbenzene	14.20	119	74705	5.666	ug/l	94
84) 1,2,4-Trimethylbenzene	14.25	105	132954	12.047	ug/l	97
85) sec-Butylbenzene	14.38	105	21920	1.539	ug/l	97
86) p-Isopropyltoluene	14.49	119	85327	6.905	ug/l	92
87) 1,3-Dichlorobenzene	14.46	146	9407m	1.367	ug/l	
88) 1,4-Dichlorobenzene	14.54	146	14740	2.123	ug/l	92
95) Naphthalene	16.13	128	35136	7.684	ug/l	94

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

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