

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068013.D
 Acq On : 06 Jan 2021 15:01
 Operator : VA/SY
 Sample : M1022-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40967

Manual Integrations
 APPROVED

MMDadoda
 1/7/2021 1:54:19 PM

Quant Time: Jan 07 00:10:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	234389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	318180	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	93380	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119668	47.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.56%		
35) Dibromofluoromethane	7.914	113	134995	51.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.74%		
50) Toluene-d8	10.344	98	655658	67.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	134.06%		
62) 4-Bromofluorobenzene	12.632	95	190344	56.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.78%		
Target Compounds					Qvalue	
16) Acetone	4.132	43	35664185m	73802.71	ug/l	
17) Carbon Disulfide	4.414	76	53323	5.97	ug/l #	94
18) Methyl Acetate	4.726	43	59267	41.50	ug/l	96
22) Diisopropyl ether	6.361	45	14681	1.60	ug/l	98
25) 2-Butanone	7.208	43	64624	90.68	ug/l #	75
31) Cyclohexane	7.961	56	1617295	312.58	ug/l #	55
39) Methylcyclohexane	9.355	83	2673844	531.23	ug/l	96
40) Benzene	8.350	78	351330	27.59	ug/l	100
52) Toluene	10.396	92	31061832m	3951.35	ug/l	
67) Ethyl Benzene	11.749	91	15159584	1238.41	ug/l #	87
68) m/p-Xylenes	11.855	106	18936684	4059.33	ug/l #	1
69) o-Xylene	12.185	106	7418315	1777.16	ug/l	91
73) Isopropylbenzene	12.479	105	1091659	157.49	ug/l	100
78) n-propylbenzene	12.820	91	2582796	299.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	1958850	340.29	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	6622915	1147.17	ug/l	99
85) sec-Butylbenzene	13.402	105	632970	91.37	ug/l	85
86) p-Isopropyltoluene	13.514	119	282971	46.42	ug/l	99
89) n-Butylbenzene	13.843	91	787030	130.15	ug/l #	73
95) Naphthalene	15.402	128	545720	195.97	ug/l	98

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

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