

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005568.D
 Acq On : 06 Aug 2021 13:09
 Operator : SY/MD
 Sample : M3293-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20071

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:27:38 PM

Quant Time: Aug 07 06:18:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	24682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	30954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7608	30.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	60.90%		
35) Dibromofluoromethane	7.728	113	8121	46.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.72%		
50) Toluene-d8	10.185	98	21265	29.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	58.52%		
62) 4-Bromofluorobenzene	12.483	95	2067	8.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	17.18%#		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	2886m	116.85	ug/l	
16) Acetone	3.960	43	1548	24.57	ug/l #	83
17) Carbon Disulfide	4.204	76	3022	4.61	ug/l #	85
20) Methylene Chloride	4.729	84	3086	7.16	ug/l	85
39) Methylcyclohexane	9.191	83	513	1.39	ug/l	98
44) Trichloroethene	8.947	130	2763	12.18	ug/l	85
52) Toluene	10.252	92	1562	2.95	ug/l	99
64) Tetrachloroethene	10.721	164	188504	3234.25	ug/l	98
67) Ethyl Benzene	11.593	91	1158	4.14	ug/l	97
68) m/p-Xylenes	11.709	106	1303	12.01	ug/l	88
69) o-Xylene	12.032	106	610	5.85	ug/l	90
70) Styrene	12.044	104	588	3.35	ug/l #	89
73) Isopropylbenzene	12.331	105	626	4.96	ug/l	91
78) n-propylbenzene	12.678	91	1381	9.22	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	2068	19.76	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	3308	32.03	ug/l	89
85) sec-Butylbenzene	13.251	105	1213	8.95	ug/l #	70
86) p-Isopropyltoluene	13.373	119	2078	17.86	ug/l #	75
89) n-Butylbenzene	13.696	91	1781	16.90	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	647	12.11	ug/l #	75
93) 1,2,4-Trichlorobenzene	15.007	180	1095	29.85	ug/l #	67
94) Hexachlorobutadiene	15.111	225	482	20.29	ug/l	89
96) 1,2,3-Trichlorobenzene	15.428	180	1603	49.32	ug/l	75

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

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