

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016238.D
 Acq On : 06 Nov 2023 15:43
 Operator : SY/MD
 Sample : 05266-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1203

Quant Time: Nov 06 23:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63292	61.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.580%	
35) Dibromofluoromethane	7.722	113	55125	48.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.740%	
50) Toluene-d8	10.185	98	228475	50.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.483	95	85040	55.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.080%	

Target Compounds						Qvalue
13) Acrolein	3.729	56	3357	40.714	ug/l #	73
15) Acrylonitrile	5.186	53	3839	17.994	ug/l	99
16) Acetone	3.954	43	45765	282.365	ug/l	97
17) Carbon Disulfide	4.198	76	2553	1.181	ug/l	97
18) Methyl Acetate	4.479	43	1291	1.567	ug/l #	72
20) Methylene Chloride	4.722	84	11381	8.390	ug/l #	81
25) 2-Butanone	7.003	43	6966	24.650	ug/l	99
31) Cyclohexane	7.789	56	4944	3.140	ug/l #	73
37) Ethyl Acetate	7.082	43	3109	4.242	ug/l #	95
40) Benzene	8.167	78	63464	13.434	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	4036	5.579	ug/l	90
52) Toluene	10.252	92	90135	29.443	ug/l	93
67) Ethyl Benzene	11.599	91	44229	6.684	ug/l	99
68) m/p-Xylenes	11.703	106	52804	20.650	ug/l	94
69) o-Xylene	12.032	106	20554	8.419	ug/l	97
73) Isopropylbenzene	12.337	105	8819	1.311	ug/l	97
78) n-propylbenzene	12.678	91	16761	2.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	6598	1.211	ug/l	88
84) 1,2,4-Trimethylbenzene	13.123	105	42695	7.917	ug/l	99
86) p-Isopropyltoluene	13.373	119	54048	9.111	ug/l	97
95) Naphthalene	15.239	128	82457	26.420	ug/l	98

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

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