

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009659.D
 Acq On : 22 Jul 2022 15:00
 Operator : KP/MD
 Sample : N3773-16
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(5-5.5)

Quant Time: Jul 23 00:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.780	168	182482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.682	114	289991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.487	117	278413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.425	152	134389	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.134	65	83089	48.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.713	113	81341	44.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.040%
50) Toluene-d8	10.176	98	401364	57.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.300%
62) 4-Bromofluorobenzene	12.480	95	135343	59.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	118.940%

Target Compounds						Qvalue
16) Acetone	3.927	43	137633	315.251	ug/l #	65
25) 2-Butanone	6.969	43	40921	64.257	ug/l #	65
31) Cyclohexane	7.768	56	1541857	506.669	ug/l #	82
39) Methylcyclohexane	9.176	83	2062645	619.631	ug/l	93
40) Benzene	8.152	78	534198	67.624	ug/l	95
52) Toluene	10.237	92	67408	13.471	ug/l	98
67) Ethyl Benzene	11.590	91	7304722	730.015	ug/l	92
68) m/p-Xylenes	11.700	106	3885193	975.615	ug/l	88
69) o-Xylene	12.023	106	300669	80.680	ug/l	92
73) Isopropylbenzene	12.328	105	1137676	122.270	ug/l	99
78) n-propylbenzene	12.669	91	4915475	437.193	ug/l	96
80) 1,3,5-Trimethylbenzene	12.810	105	5706723	742.237	ug/l	96
84) 1,2,4-Trimethylbenzene	13.121	105	11381286	1480.166	ug/l	87
85) sec-Butylbenzene	13.249	105	387133	38.226	ug/l #	52
86) p-Isopropyltoluene	13.371	119	199854	23.482	ug/l	98
89) n-Butylbenzene	13.694	91	736099	94.699	ug/l #	74
95) Naphthalene	15.236	128	2528460	521.835	ug/l	99

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

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