

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010542.D
 Acq On : 16 Sep 2022 18:01
 Operator : KP/MD
 Sample : N4630-21
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5

Quant Time: Sep 17 00:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	403202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123248	47.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.120%		
35) Dibromofluoromethane	7.710	113	116169	40.568	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.140%		
50) Toluene-d8	10.179	98	489875	52.785	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.477	95	279750	79.704	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	159.400%#		
Target Compounds					Qvalue	
16) Acetone	3.942	43	87136	146.509	ug/l #	89
17) Carbon Disulfide	4.186	76	52981	7.895	ug/l	100
25) 2-Butanone	6.984	43	28145	29.777	ug/l #	78
31) Cyclohexane	7.777	56	66777	15.252	ug/l	97
39) Methylcyclohexane	9.179	83	359832	73.614	ug/l	96
52) Toluene	10.240	92	21671	2.935	ug/l	97
67) Ethyl Benzene	11.593	91	81799	7.748	ug/l	95
68) m/p-Xylenes	11.703	106	123048	29.686	ug/l	96
69) o-Xylene	12.026	106	92427	23.353	ug/l	84
73) Isopropylbenzene	12.331	105	229614	22.252	ug/l	99
78) n-propylbenzene	12.672	91	289994	23.733	ug/l	96
79) 2-Chlorotoluene	12.757	91	529866	77.197	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	104118	11.959	ug/l	98
82) 4-Chlorotoluene	12.855	91	201473	28.215	ug/l	83
83) tert-Butylbenzene	13.074	119	52897	6.951	ug/l	74
84) 1,2,4-Trimethylbenzene	13.117	105	590872	69.361	ug/l	98
85) sec-Butylbenzene	13.251	105	272630	24.195	ug/l #	62
86) p-Isopropyltoluene	13.367	119	195459	20.507	ug/l	94
89) n-Butylbenzene	13.696	91	145632	16.833	ug/l #	82

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

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