

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010539.D
 Acq On : 16 Sep 2022 16:50
 Operator : KP/MD
 Sample : N4630-06
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-2

Quant Time: Sep 17 00:29:25 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	193598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104063	53.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.740%	
35) Dibromofluoromethane	7.710	113	90620	40.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.060%	
50) Toluene-d8	10.179	98	366509	49.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	12.477	95	112567	37.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.260%	

Target Compounds				Qvalue		
16) Acetone	3.942	43	69346	154.973	ug/l #	89
17) Carbon Disulfide	4.186	76	64282	12.732	ug/l	100
25) 2-Butanone	6.984	43	18627	26.194	ug/l	94
31) Cyclohexane	7.771	56	25051	7.605	ug/l #	89
39) Methylcyclohexane	9.179	83	86061	22.273	ug/l	93
67) Ethyl Benzene	11.593	91	27007	2.978	ug/l	100
68) m/p-Xylenes	11.697	106	37803	10.616	ug/l	97
69) o-Xylene	12.026	106	35452	10.427	ug/l	95
73) Isopropylbenzene	12.331	105	75567	14.522	ug/l	97
78) n-propylbenzene	12.672	91	69616	11.298	ug/l	98
79) 2-Chlorotoluene	12.758	91	55272	15.968	ug/l	87
80) 1,3,5-Trimethylbenzene	12.812	105	94005	21.410	ug/l	100
83) tert-Butylbenzene	13.075	119	27359	7.129	ug/l	82
84) 1,2,4-Trimethylbenzene	13.117	105	279020	64.948	ug/l	98
85) sec-Butylbenzene	13.251	105	97760	17.204	ug/l #	63
86) p-Isopropyltoluene	13.367	119	39318	8.180	ug/l	97
89) n-Butylbenzene	13.696	91	58041	13.303	ug/l #	81

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

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