

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009450.D
 Acq On : 06 Jul 2022 13:44
 Operator : KP/MD
 Sample : N3564-21
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-5

Quant Time: Jul 07 01:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	242512	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74628	44.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.520%
35) Dibromofluoromethane	7.710	113	73081	40.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.700%
50) Toluene-d8	10.172	98	360813	64.980	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	129.960%#
62) 4-Bromofluorobenzene	12.471	95	169038	64.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	128.380%

Target Compounds						Qvalue
16) Acetone	3.942	43	36094	65.173	ug/l	# 88
17) Carbon Disulfide	4.186	76	41293	7.844	ug/l	98
25) 2-Butanone	6.978	43	30050	34.225	ug/l	96
31) Cyclohexane	7.777	56	77114	20.331	ug/l	86
39) Methylcyclohexane	9.179	83	506132	135.050	ug/l	90
52) Toluene	10.240	92	29339	5.022	ug/l	97
65) Chlorobenzene	11.514	112	21744	4.190	ug/l	96
68) m/p-Xylenes	11.697	106	13898	3.861	ug/l	# 40
69) o-Xylene	12.020	106	7765	2.286	ug/l	# 26
73) Isopropylbenzene	12.325	105	278143	35.125	ug/l	99
78) n-propylbenzene	12.666	91	70429	7.312	ug/l	85
80) 1,3,5-Trimethylbenzene	12.806	105	12176	1.839	ug/l	98
83) tert-Butylbenzene	13.068	119	33802	6.075	ug/l	# 66
84) 1,2,4-Trimethylbenzene	13.117	105	28956	4.601	ug/l	100
85) sec-Butylbenzene	13.251	105	258615	30.862	ug/l	# 71
86) p-Isopropyltoluene	13.367	119	8195	1.163	ug/l	# 1
89) n-Butylbenzene	13.690	91	158754	23.977	ug/l	93

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

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