Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
Data File : VY016172.D
Acq On : 01 Nov 2023 16:37
Operator : SY/MD
Sample : 05102-02
Misc : 3.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
67S-SB02-0815

Quant Time: Nov 02 02:28:26 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	7.801	168	136885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	230820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76212	59.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.000%			
35) Dibromofluoromethane	7.728	113	62126	45.147	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.300%			
50) Toluene-d8	10.191	98	301133	55.194	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.489	95	108422	58.116	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.240%			
Target Compounds						Qvalue
16) Acetone	3.954	43	35775	168.768	ug/l	93
17) Carbon Disulfide	4.210	76	11814	4.369	ug/l	98
20) Methylene Chloride	4.729	84	18755	12.087	ug/l	90
25) 2-Butanone	7.002	43	14760	41.768	ug/l	90
29) Tetrahydrofuran	7.356	42	3867	17.457	ug/l	88
30) Chloroform	7.515	83	4836	1.981	ug/l	90
31) Cyclohexane	7.795	56	137161	69.660	ug/l	94
39) Methylcyclohexane	9.197	83	332209	140.062	ug/l #	63
40) Benzene	8.173	78	156080	27.360	ug/l	100
42) 1,2-Dichloroethane	8.252	62	12925	8.119	ug/l	97
52) Toluene	10.252	92	162879	44.062	ug/l	95
65) Chlorobenzene	11.526	112	1021791	240.700	ug/l	99
67) Ethyl Benzene	11.605	91	968615	127.570	ug/l	98
68) m/p-Xylenes	11.709	106	2214469	754.764	ug/l	94
69) o-Xylene	12.038	106	215733	77.011	ug/l	97
73) Isopropylbenzene	12.337	105	1224690	161.530	ug/l	99
78) n-propylbenzene	12.678	91	2358744	263.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	420287	68.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	3298746	542.730	ug/l	96
85) sec-Butylbenzene	13.264	105	265880	32.960	ug/l #	68
86) p-Isopropyltoluene	13.379	119	91772	13.727	ug/l	98
89) n-Butylbenzene	13.703	91	436977	71.133	ug/l #	76
91) 1,2-Dichlorobenzene	13.751	146	121095	41.279	ug/l	87
95) Naphthalene	15.245	128	1072565	304.919	ug/l	99

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

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