Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
Data File : VY018508.D
Acq On : 06 Jun 2024 16:26
Operator : SY/MD
Sample : P2707-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-02

Quant Time: Jun 07 02:27:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.78
34) 1,4-Difluorobenzene	8.856	114	26	50.000	ug/l	0.17
63) Chlorobenzene-d5	11.703	117	26	50.000	ug/l	# 0.21
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60	0.000	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	0.000%#		
35) Dibromofluoromethane	7.856	113	18	54.595	ug/l	0.15
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.200%		
50) Toluene-d8	10.508	98	29	22.110	ug/l	0.34
Spiked Amount 50.000	Range 58 - 134		Recovery =	44.220%#		
62) 4-Bromofluorobenzene	12.745	95	18	44.077	ug/l	0.27
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.160%		
Target Compounds						Qvalue
36) 1,1-Dichloropropene	8.069	75	89	177.040	ug/l #	83
37) Ethyl Acetate	7.192	43	61	242.895	ug/l #	48
38) Carbon Tetrachloride	8.069	117	36	71.462	ug/l #	13
39) Methylcyclohexane	9.362	83	35	51.502	ug/l #	22
40) Benzene	8.246	78	27	17.925	ug/l #	1
41) Methacrylonitrile	7.435	41	183	1498.082	ug/l #	23
42) 1,2-Dichloroethane	8.393	62	20	54.615	ug/l #	71
43) Isopropyl Acetate	8.423	43	80	170.363	ug/l #	47
45) 1,2-Dichloropropane	9.472	63	54	156.761	ug/l #	43
46) Dibromomethane	9.508	93	23	116.456	ug/l #	3
47) Bromodichloromethane	9.783	83	54	113.903	ug/l #	26
48) Methyl methacrylate	9.472	41	77	356.400	ug/l #	27
49) 1,4-Dioxane	9.527	88	20	7711.406	ug/l #	20
51) 4-Methyl-2-Pentanone	10.209	43	49	200.955	ug/l	87
52) Toluene	10.624	92	20	21.588	ug/l	83
53) t-1,3-Dichloropropene	10.612	75	32	73.501	ug/l #	45
54) cis-1,3-Dichloropropene	10.112	75	21	39.175	ug/l #	40
55) 1,1,2-Trichloroethane	10.831	97	26	101.187	ug/l #	16
56) Ethyl methacrylate	10.715	69	20	55.313	ug/l #	33
57) 1,3-Dichloropropane	11.081	76	50	114.624	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.813	63	39	200.856	ug/l #	45
59) 2-Hexanone	10.813	43	92	545.992	ug/l	89
60) Dibromochloromethane	11.106	129	29	92.381	ug/l #	10
61) 1,2-Dibromoethane	11.294	107	34	140.517	ug/l #	2
67) Ethyl Benzene	11.313	91	50	24.637	ug/l #	44
70) Styrene	12.044	104	59	49.088	ug/l #	27

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

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