Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081121\
Data File : BN015849.D
Acq On : 11 Aug 2021 12:54
Operator : CG/JU
Sample : M1458-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2021

Quant Time: Aug 11 13:29:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 12:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8976	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	44909	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	26649	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	54555	0.400	ng		0.00
29) Chrysene-d12	21.504	240	60208	0.400	ng	#	0.01
35) Perylene-d12	23.933	264	56506	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	6879	0.294	ng		0.00
5) Phenol-d6	7.080	99	9072	0.287	ng		0.00
8) Nitrobenzene-d5	9.076	82	9070	0.257	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	27457	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3053	0.256	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	27924	0.261	ng		0.00
27) Fluoranthene-d10	19.341	212	62692	0.378	ng		0.00
31) Terphenyl-d14	19.937	244	50416	0.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	696	0.185	ng		93
3) n-Nitrosodimethylamine	3.779	42	1662	0.181	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	5185	0.210	ng		99
9) Naphthalene	10.774	128	23291	0.197	ng		100
10) Hexachlorobutadiene	11.066	225	6213	0.204	ng	#	100
12) 2-Methylnaphthalene	12.390	142	16171	0.198	ng		99
16) Acenaphthylene	14.281	152	19715	0.174	ng		100
17) Acenaphthene	14.624	154	13911	0.185	ng		100
18) Fluorene	15.601	166	17691	0.186	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	453	0.085	ng	#	69
21) 4-Bromophenyl-phenylether	16.494	248	5642	0.193	ng		97
22) Hexachlorobenzene	16.616	284	7429	0.196	ng		98
23) Atrazine	16.762	200	4387	0.170	ng		96
24) Pentachlorophenol	16.957	266	2533	0.175	ng		99
25) Phenanthrene	17.346	178	29175	0.191	ng		97
26) Anthracene	17.444	178	25182	0.182	ng		100
28) Fluoranthene	19.371	202	35322	0.193	ng		100
30) Pyrene	19.733	202	34662	0.182	ng		100
32) Benzo(a)anthracene	21.482	228	36063	0.184	ng		99
33) Chrysene	21.535	228	36672	0.187	ng		98
34) Bis(2-ethylhexyl)phtha...	21.419	149	13277	0.149	ng		99
36) Indeno(1,2,3-cd)pyrene	26.449	276	35424	0.183	ng		100
37) Benzo(b)fluoranthene	23.194	252	37174	0.188	ng		99
38) Benzo(k)fluoranthene	23.241	252	35563	0.194	ng		99
39) Benzo(a)pyrene	23.827	252	33032	0.193	ng		98
40) Dibenzo(a,h)anthracene	26.476	278	28879	0.183	ng	#	96
41) Benzo(g,h,i)perylene	27.219	276	30828	0.180	ng		99

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

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