Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081021\
Data File : BN015839.D
Acq On : 10 Aug 2021 14:55
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2021

Quant Time: Aug 10 15:24:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 14:38:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8914	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	44147	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	25750	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	52543	0.400	ng		0.00
29) Chrysene-d12	21.493	240	57846	0.400	ng		0.00
35) Perylene-d12	23.926	264	53869	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	6788	0.293	ng		0.00
5) Phenol-d6	7.080	99	8973	0.285	ng		0.00
8) Nitrobenzene-d5	9.076	82	8792	0.254	ng		0.00
11) 2-Methylnaphthalene-d10	12.319	152	26918	0.380	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2933	0.255	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	27434	0.265	ng		0.00
27) Fluoranthene-d10	19.341	212	60015	0.376	ng		0.00
31) Terphenyl-d14	19.937	244	46126	0.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	690	0.185	ng		90
3) n-Nitrosodimethylamine	3.779	42	1607	0.177	ng	#	100
6) bis(2-Chloroethyl)ether	7.357	93	5139	0.210	ng		98
9) Naphthalene	10.774	128	23107	0.199	ng		100
10) Hexachlorobutadiene	11.078	225	6130	0.205	ng	#	99
12) 2-Methylnaphthalene	12.390	142	15896	0.198	ng		98
16) Acenaphthylene	14.281	152	19527	0.178	ng		100
17) Acenaphthene	14.624	154	13674	0.188	ng		100
18) Fluorene	15.601	166	17263	0.188	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	474	0.092	ng	#	67
21) 4-Bromophenyl-phenylether	16.494	248	5391	0.191	ng		98
22) Hexachlorobenzene	16.616	284	7273	0.199	ng		99
23) Atrazine	16.762	200	4308	0.174	ng		98
24) Pentachlorophenol	16.957	266	2375	0.170	ng		98
25) Phenanthrene	17.346	178	27991	0.190	ng		100
26) Anthracene	17.444	178	24440	0.184	ng		100
28) Fluoranthene	19.371	202	33556	0.190	ng		100
30) Pyrene	19.733	202	32832	0.180	ng		100
32) Benzo(a)anthracene	21.482	228	33723	0.179	ng		100
33) Chrysene	21.535	228	35495	0.188	ng		100
34) Bis(2-ethylhexyl)phtha...	21.419	149	12146	0.142	ng		99
36) Indeno(1,2,3-cd)pyrene	26.445	276	34003	0.184	ng		100
37) Benzo(b)fluoranthene	23.187	252	34797	0.185	ng		99
38) Benzo(k)fluoranthene	23.238	252	34299	0.196	ng		99
39) Benzo(a)pyrene	23.820	252	31201	0.191	ng		98
40) Dibenzo(a,h)anthracene	26.469	278	27778	0.185	ng		98
41) Benzo(g,h,i)perylene	27.215	276	29914	0.183	ng		99

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

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