Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081021\
Data File : BN015838.D
Acq On : 10 Aug 2021 14:09
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/11/2021 9:26:55 PM

Quant Time: Aug 10 14:39:14 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	8550	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	42404	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	24782	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	49897	0.400	ng		0.00
29) Chrysene-d12	21.493	240	53026	0.400	ng		0.00
35) Perylene-d12	23.929	264	49942	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	7183	0.323	ng		0.00
5) Phenol-d6	7.080	99	9319	0.309	ng		0.00
8) Nitrobenzene-d5	9.076	82	9412	0.283	ng		0.00
11) 2-Methylnaphthalene-d10	12.318	152	25856	0.380	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2916	0.263	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	29414	0.295	ng		0.00
27) Fluoranthene-d10	19.341	212	56319	0.372	ng		0.00
31) Terphenyl-d14	19.937	244	48623	0.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	346	0.097	ng		96
3) n-Nitrosodimethylamine	3.797	42	682m	0.078	ng		
6) bis(2-Chloroethyl)ether	7.357	93	2385	0.102	ng		98
9) Naphthalene	10.774	128	10758	0.097	ng		99
10) Hexachlorobutadiene	11.078	225	2864	0.100	ng	#	99
12) 2-Methylnaphthalene	12.390	142	7394	0.096	ng		99
16) Acenaphthylene	14.281	152	8691	0.082	ng		100
17) Acenaphthene	14.624	154	6247	0.089	ng		99
18) Fluorene	15.601	166	7815	0.089	ng		100
20) 4,6-Dinitro-2-methylph...	15.690	198	155	0.032	ng	#	8
21) 4-Bromophenyl-phenylether	16.494	248	2458	0.092	ng		94
22) Hexachlorobenzene	16.616	284	3280	0.095	ng		99
23) Atrazine	16.762	200	1890	0.080	ng		98
24) Pentachlorophenol	16.957	266	672	0.051	ng		97
25) Phenanthrene	17.346	178	12705	0.091	ng		99
26) Anthracene	17.444	178	10903	0.086	ng		99
28) Fluoranthene	19.371	202	15233	0.091	ng		99
30) Pyrene	19.733	202	14700	0.088	ng		99
32) Benzo(a)anthracene	21.482	228	14979	0.087	ng		99
33) Chrysene	21.535	228	15750	0.091	ng		100
34) Bis(2-ethylhexyl)phtha...	21.419	149	5736	0.073	ng		99
36) Indeno(1,2,3-cd)pyrene	26.449	276	14572	0.085	ng		99
37) Benzo(b)fluoranthene	23.187	252	15606m	0.089	ng		
38) Benzo(k)fluoranthene	23.235	252	15067	0.093	ng		94
39) Benzo(a)pyrene	23.817	252	13783	0.091	ng	#	93
40) Dibenzo(a,h)anthracene	26.462	278	11736	0.084	ng	#	91
41) Benzo(g,h,i)perylene	27.219	276	13037	0.086	ng		98

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

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