Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026887.D
Acq On : 10 Aug 2023 17:23
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 11 02:13:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	6046	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	15096	0.400	ng		0.00
13) Acenaphthene-d10	14.737	164	10789	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	25080	0.400	ng		0.00
29) Chrysene-d12	21.659	240	23002	0.400	ng		0.00
35) Perylene-d12	24.209	264	26818	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.618	112	6003	0.352	ng		0.00
5) Phenol-d6	7.236	99	7348	0.349	ng		0.00
8) Nitrobenzene-d5	9.294	82	4859	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	12.510	152	9917	0.413	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	1739	0.303	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	15791	0.394	ng		0.00
27) Fluoranthene-d10	19.500	212	24955	0.388	ng		0.00
31) Terphenyl-d14	20.090	244	17744	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2460	0.378	ng		98
3) n-Nitrosodimethylamine	3.820	42	2754	0.380	ng		98
6) bis(2-Chloroethyl)ether	7.539	93	6762	0.382	ng		99
9) Naphthalene	10.992	128	15560	0.392	ng		99
10) Hexachlorobutadiene	11.227	225	3433	0.423	ng	#	100
12) 2-Methylnaphthalene	12.585	142	12812	0.413	ng		99
16) Acenaphthylene	14.459	152	19119	0.371	ng		100
17) Acenaphthene	14.801	154	12606	0.396	ng		99
18) Fluorene	15.780	166	16845	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	16.922	198	157	0.399	ng		84
21) 4-Bromophenyl-phenylether	16.673	248	5437	0.380	ng		98
22) Hexachlorobenzene	16.748	284	6126	0.401	ng		99
23) Atrazine	16.934	200	4466	0.350	ng		99
24) Pentachlorophenol	17.108	266	2324	0.301	ng		98
25) Phenanthrene	17.517	178	28139	0.390	ng		100
26) Anthracene	17.617	178	24553	0.365	ng		100
28) Fluoranthene	19.532	202	33287	0.390	ng		100
30) Pyrene	19.895	202	34276	0.387	ng		100
32) Benzo(a)anthracene	21.641	228	31943	0.385	ng		99
33) Chrysene	21.695	228	33997	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.533	149	18056	0.302	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.908	276	44037	0.401	ng		99
37) Benzo(b)fluoranthene	23.417	252	35014	0.390	ng		98
38) Benzo(k)fluoranthene	23.469	252	35133	0.381	ng		99
39) Benzo(a)pyrene	24.092	252	35105	0.390	ng		99
40) Dibenzo(a,h)anthracene	26.934	278	35055	0.401	ng		99
41) Benzo(g,h,i)perylene	27.747	276	37833	0.402	ng		99

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

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