Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027768.D
Acq On : 20 Sep 2023 17:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 11 17:42:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:33:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	1242	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	4154	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	2872	0.400	ng		0.01
19) Phenanthrene-d10	17.393	188	8494	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	9804	0.400	ng		0.00
35) Perylene-d12	24.075	264	9765	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.546	112	1152	0.367	ng		0.00
5) Phenol-d6	7.163	99	1350	0.344	ng		0.00
8) Nitrobenzene-d5	9.209	82	1163	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	2317	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	438	0.359	ng		0.01
15) 2-Fluorobiphenyl	13.283	172	3411	0.352	ng		0.01
27) Fluoranthene-d10	19.421	212	9106	0.413	ng		0.00
31) Terphenyl-d14	20.006	244	6728	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	599	0.394	ng		94
3) n-Nitrosodimethylamine	3.776	42	692	0.394	ng	#	98
6) bis(2-Chloroethyl)ether	7.445	93	1442	0.375	ng		98
9) Naphthalene	10.885	128	4471	0.388	ng		97
10) Hexachlorobutadiene	11.109	225	782	0.391	ng	#	100
12) 2-Methylnaphthalene	12.491	142	2954	0.369	ng		97
16) Acenaphthylene	14.373	152	4629	0.377	ng		99
17) Acenaphthene	14.715	154	3495	0.401	ng		98
18) Fluorene	15.693	166	5209	0.412	ng		99
20) 4,6-Dinitro-2-methylph...	15.804	198	244	0.416	ng		89
21) 4-Bromophenyl-phenylether	16.586	248	1524	0.351	ng		94
22) Hexachlorobenzene	16.661	284	1840	0.373	ng		99
23) Atrazine	16.847	200	1148	0.359	ng		98
24) Pentachlorophenol	17.033	266	618	0.353	ng		98
25) Phenanthrene	17.443	178	9677	0.389	ng		100
26) Anthracene	17.530	178	7834	0.368	ng		99
28) Fluoranthene	19.453	202	12615	0.413	ng		100
30) Pyrene	19.816	202	13107	0.372	ng		100
32) Benzo(a)anthracene	21.560	228	13213	0.388	ng		100
33) Chrysene	21.614	228	15185	0.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	5332	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.706	276	15560	0.375	ng	#	83
37) Benzo(b)fluoranthene	23.294	252	14616	0.379	ng		98
38) Benzo(k)fluoranthene	23.350	252	14837	0.379	ng		97
39) Benzo(a)pyrene	23.964	252	13122	0.374	ng		96
40) Dibenzo(a,h)anthracene	26.729	278	12703	0.375	ng		98
41) Benzo(g,h,i)perylene	27.525	276	14885	0.397	ng		99

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

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