Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
Data File : BN027754.D
Acq On : 19 Sep 2023 18:01
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 19 19:08:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	1379	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	4571	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	3235	0.400	ng		0.01
19) Phenanthrene-d10	17.405	188	9592	0.400	ng		0.01
29) Chrysene-d12	21.578	240	10544	0.400	ng	#	0.00
35) Perylene-d12	24.077	264	11534	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.545	112	1466	0.406	ng		0.00
5) Phenol-d6	7.163	99	1784	0.404	ng		0.00
8) Nitrobenzene-d5	9.208	82	1504	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	2947	0.437	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	580	0.384	ng		0.01
15) 2-Fluorobiphenyl	13.283	172	4406	0.400	ng		0.01
27) Fluoranthene-d10	19.425	212	10549	0.393	ng		0.00
31) Terphenyl-d14	20.011	244	7762	0.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	698	0.433	ng		97
3) n-Nitrosodimethylamine	3.776	42	866	0.438	ng	#	95
6) bis(2-Chloroethyl)ether	7.445	93	1875	0.432	ng		100
9) Naphthalene	10.885	128	5425	0.431	ng		95
10) Hexachlorobutadiene	11.109	225	946	0.436	ng	#	100
12) 2-Methylnaphthalene	12.487	142	3729	0.423	ng		97
16) Acenaphthylene	14.373	152	5717	0.415	ng		99
17) Acenaphthene	14.715	154	4337	0.453	ng		98
18) Fluorene	15.693	166	6244	0.443	ng		98
20) 4,6-Dinitro-2-methylph...	16.847	198	53	0.357	ng	#	2
21) 4-Bromophenyl-phenylether	16.586	248	1948	0.399	ng	#	85
22) Hexachlorobenzene	16.661	284	2264	0.413	ng		98
23) Atrazine	16.847	200	1474	0.373	ng	#	93
24) Pentachlorophenol	17.033	266	808	0.298	ng		97
25) Phenanthrene	17.443	178	11621	0.417	ng		100
26) Anthracene	17.530	178	9575	0.398	ng		100
28) Fluoranthene	19.453	202	14512	0.397	ng		99
30) Pyrene	19.820	202	15076	0.419	ng		100
32) Benzo(a)anthracene	21.560	228	14842	0.394	ng		98
33) Chrysene	21.614	228	17343	0.434	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6157	0.347	ng		98
36) Indeno(1,2,3-cd)pyrene	26.715	276	20204	0.388	ng		99
37) Benzo(b)fluoranthene	23.303	252	17316	0.404	ng	#	88
38) Benzo(k)fluoranthene	23.352	252	17378	0.398	ng	#	89
39) Benzo(a)pyrene	23.963	252	16029	0.394	ng	#	84
40) Dibenzo(a,h)anthracene	26.735	278	16667	0.391	ng		95
41) Benzo(g,h,i)perylene	27.527	276	18554	0.400	ng		97

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

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