Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028289.D
Acq On : 13 Oct 2023 21:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 14 00:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.885	152	2920	0.400	ng		0.00
7) Naphthalene-d8	10.703	136	9659	0.400	ng		#-0.01
13) Acenaphthene-d10	14.533	164	6079	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	14168	0.400	ng		#-0.01
29) Chrysene-d12	21.488	240	13952	0.400	ng		0.00
35) Perylene-d12	23.946	264	16014	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	3265	0.360	ng		0.00
5) Phenol-d6	7.062	99	4241	0.380	ng		0.00
8) Nitrobenzene-d5	9.102	82	3086	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.298	152	5883	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.052	330	978	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	8401	0.393	ng		0.00
27) Fluoranthene-d10	19.332	212	14730	0.389	ng		0.00
31) Terphenyl-d14	19.922	244	11666	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1368	0.388	ng		98
3) n-Nitrosodimethylamine	3.660	42	1578	0.409	ng	#	97
6) bis(2-Chloroethyl)ether	7.329	93	3683	0.428	ng		93
9) Naphthalene	10.757	128	10186	0.407	ng		100
10) Hexachlorobutadiene	10.970	225	1712	0.398	ng	#	99
12) 2-Methylnaphthalene	12.373	142	7257	0.408	ng		98
16) Acenaphthylene	14.266	152	10266	0.376	ng		100
17) Acenaphthene	14.598	154	7096	0.412	ng		99
18) Fluorene	15.581	166	9297	0.410	ng		99
20) 4,6-Dinitro-2-methylph...	15.730	198	288	0.467	ng	#	82
21) 4-Bromophenyl-phenylether	16.474	248	2828	0.388	ng	#	72
22) Hexachlorobenzene	16.561	284	2990	0.398	ng		99
23) Atrazine	16.760	200	2450	0.358	ng		98
24) Pentachlorophenol	16.946	266	921	0.269	ng		97
25) Phenanthrene	17.343	178	15351	0.396	ng		100
26) Anthracene	17.430	178	13750	0.371	ng		100
28) Fluoranthene	19.360	202	18515	0.380	ng		99
30) Pyrene	19.732	202	19194	0.402	ng		100
32) Benzo(a)anthracene	21.479	228	18946	0.382	ng		98
33) Chrysene	21.533	228	18961	0.400	ng		97
34) Bis(2-ethylhexyl)phtha...	21.345	149	12512	0.330	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.513	276	24502	0.380	ng		100
37) Benzo(b)fluoranthene	23.183	252	19430	0.388	ng		97
38) Benzo(k)fluoranthene	23.232	252	20145	0.396	ng		96
39) Benzo(a)pyrene	23.835	252	19273	0.387	ng		96
40) Dibenzo(a,h)anthracene	26.527	278	19930	0.380	ng		95
41) Benzo(g,h,i)perylene	27.323	276	20546	0.380	ng		97

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

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