Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
Data File : BN023123.D
Acq On : 10 Dec 2022 15:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 12 05:20:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	7305	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21062	0.400	ng		0.00
13) Acenaphthene-d10	14.656	164	10937	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	23878	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	18835	0.400	ng	#	0.00
35) Perylene-d12	24.050	264	16164	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	5296	0.389	ng		0.00
5) Phenol-d6	7.168	99	6548	0.379	ng		0.00
8) Nitrobenzene-d5	9.185	82	5440	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	12509	0.350	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1521	0.383	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	18027	0.413	ng		0.00
27) Fluoranthene-d10	19.435	212	22070	0.395	ng		0.00
31) Terphenyl-d14	20.031	244	11702	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	2944	0.408	ng		98
3) n-Nitrosodimethylamine	3.731	42	2828	0.399	ng		99
6) bis(2-Chloroethyl)ether	7.436	93	7962	0.405	ng		99
9) Naphthalene	10.883	128	21426	0.399	ng		99
10) Hexachlorobutadiene	11.181	225	4296	0.420	ng	#	99
12) 2-Methylnaphthalene	12.114	142	3023	0.379	ng		99
16) Acenaphthylene	14.378	152	16701	0.379	ng		100
17) Acenaphthene	14.720	154	12830	0.396	ng		100
18) Fluorene	15.703	166	14628	0.404	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	1040	0.453	ng		89
21) 4-Bromophenyl-phenylether	16.595	248	5105	0.401	ng	#	85
22) Hexachlorobenzene	16.707	284	6877	0.412	ng		98
23) Atrazine	16.856	200	3110	0.346	ng	#	91
24) Pentachlorophenol	17.054	266	1741	0.300	ng		97
25) Phenanthrene	17.452	178	27467	0.386	ng		100
26) Anthracene	17.539	178	20960	0.370	ng		99
28) Fluoranthene	19.465	202	28858	0.379	ng		99
30) Pyrene	19.827	202	28328	0.411	ng		100
32) Benzo(a)anthracene	21.571	228	23485	0.387	ng		99
33) Chrysene	21.625	228	28592	0.419	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	9765	0.381	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.620	276	31007	0.428	ng		98
37) Benzo(b)fluoranthene	23.296	252	27349m	0.408	ng		
38) Benzo(k)fluoranthene	23.346	252	26047	0.383	ng		99
39) Benzo(a)pyrene	23.942	252	21058	0.419	ng	#	89
40) Dibenzo(a,h)anthracene	26.638	278	24105	0.415	ng		99
41) Benzo(g,h,i)perylene	27.407	276	23313	0.375	ng		98

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

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