Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024383.D
Acq On : 18 Mar 2023 15:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 20 01:10:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	11070	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	33513	0.400	ng		0.00
13) Acenaphthene-d10	14.664	164	16264	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	31691	0.400	ng	#	0.00
29) Chrysene-d12	21.601	240	20924	0.400	ng		0.00
35) Perylene-d12	24.094	264	14704	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	9679	0.395	ng		0.00
5) Phenol-d6	7.187	99	12653	0.402	ng		0.00
8) Nitrobenzene-d5	9.200	82	10155	0.454	ng		0.00
11) 2-Methylnaphthalene-d10	12.433	152	15929	0.387	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2416	0.291	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	25587	0.416	ng		0.00
27) Fluoranthene-d10	19.442	212	24818	0.369	ng		0.00
31) Terphenyl-d14	20.033	244	13595	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	4923	0.409	ng		94
3) n-Nitrosodimethylamine	3.757	42	8330	0.472	ng	#	92
6) bis(2-Chloroethyl)ether	7.455	93	13438	0.430	ng		96
9) Naphthalene	10.898	128	34943	0.410	ng		99
10) Hexachlorobutadiene	11.186	225	6198	0.384	ng	#	99
12) 2-Methylnaphthalene	12.505	142	22290	0.387	ng		99
16) Acenaphthylene	14.386	152	29315	0.380	ng		100
17) Acenaphthene	14.729	154	19574	0.399	ng		98
18) Fluorene	15.712	166	21245	0.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	1377	0.411	ng	#	83
21) 4-Bromophenyl-phenylether	16.606	248	6792	0.360	ng	#	94
22) Hexachlorobenzene	16.718	284	8894	0.385	ng		95
23) Atrazine	16.866	200	4160	0.348	ng		94
24) Pentachlorophenol	17.065	266	2906	0.335	ng		97
25) Phenanthrene	17.450	178	37997	0.405	ng		100
26) Anthracene	17.549	178	32184	0.371	ng		100
28) Fluoranthene	19.471	202	38777	0.377	ng		99
30) Pyrene	19.834	202	39630	0.467	ng		100
32) Benzo(a)anthracene	21.583	228	26491	0.379	ng		99
33) Chrysene	21.636	228	30778	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	13312	0.405	ng		98
36) Indeno(1,2,3-cd)pyrene	26.699	276	19855	0.361	ng		97
37) Benzo(b)fluoranthene	23.328	252	23524	0.411	ng		96
38) Benzo(k)fluoranthene	23.380	252	24739m	0.419	ng		
39) Benzo(a)pyrene	23.983	252	20148	0.384	ng		95
40) Dibenzo(a,h)anthracene	26.716	278	14744	0.346	ng		97
41) Benzo(g,h,i)perylene	27.497	276	19081	0.383	ng		97

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

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