Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033212.D
Acq On : 02 Aug 2024 20:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 03 01:10:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.503	152	2541	0.400	ng		0.00
7) Naphthalene-d8	10.287	136	8773	0.400	ng	#	0.00
13) Acenaphthene-d10	14.137	164	4558	0.400	ng		0.00
19) Phenanthrene-d10	16.920	188	8276	0.400	ng		0.00
29) Chrysene-d12	21.133	240	5892	0.400	ng		0.00
35) Perylene-d12	23.315	264	6636	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.242	112	2601m	0.405	ng		0.00
5) Phenol-d6	6.882	99	3920m	0.491	ng		0.00
8) Nitrobenzene-d5	8.813	82	2543	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	11.901	152	4618	0.344	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	480	0.246	ng		0.00
15) 2-Fluorobiphenyl	12.790	172	6767	0.399	ng		0.00
27) Fluoranthene-d10	18.959	212	6985	0.326	ng		0.00
31) Terphenyl-d14	19.563	244	4588	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.083	88	1305	0.415	ng	#	86
3) n-Nitrosodimethylamine	3.473	42	1152	0.433	ng		82
6) bis(2-Chloroethyl)ether	7.012	93	2332m	0.350	ng		
9) Naphthalene	10.340	128	9227	0.380	ng		98
10) Hexachlorobutadiene	10.532	225	1744	0.376	ng	#	99
12) 2-Methylnaphthalene	11.976	142	5133	0.323	ng	#	95
16) Acenaphthylene	13.869	152	7513	0.405	ng		99
17) Acenaphthene	14.201	154	5060	0.385	ng		99
18) Fluorene	15.216	166	6106	0.348	ng		97
20) 4,6-Dinitro-2-methylph...	15.555	198	87	0.341	ng	#	1
21) 4-Bromophenyl-phenylether	16.113	248	1772	0.364	ng		94
22) Hexachlorobenzene	16.200	284	1998	0.367	ng	#	89
23) Atrazine	16.411	200	1356	0.379	ng		97
24) Pentachlorophenol	16.635	266	439	0.217	ng		94
25) Phenanthrene	16.970	178	7899	0.349	ng		99
26) Anthracene	17.069	178	7108m	0.382	ng		
28) Fluoranthene	18.992	202	8799	0.322	ng		99
30) Pyrene	19.359	202	9406	0.391	ng		100
32) Benzo(a)anthracene	21.125	228	6349	0.341	ng		97
33) Chrysene	21.169	228	8197	0.370	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	4875	0.473	ng	#	88
36) Indeno(1,2,3-cd)pyrene	25.507	276	10540	0.403	ng		100
37) Benzo(b)fluoranthene	22.660	252	7337m	0.317	ng		
38) Benzo(k)fluoranthene	22.703	252	8750	0.331	ng		95
39) Benzo(a)pyrene	23.224	252	7295	0.350	ng		95
40) Dibenzo(a,h)anthracene	25.507	278	8249	0.399	ng		95
41) Benzo(g,h,i)perylene	26.177	276	9245	0.404	ng		95

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

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