Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
Data File : BN030401.D
Acq On : 14 Mar 2024 17:12
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 17:37:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:36:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	1521	0.400	ng		0.00
7) Naphthalene-d8	10.424	136	3493	0.400	ng		0.00
13) Acenaphthene-d10	14.287	164	2062	0.400	ng		0.00
19) Phenanthrene-d10	17.044	188	4409	0.400	ng		0.00
29) Chrysene-d12	21.259	240	4262	0.400	ng		0.00
35) Perylene-d12	23.490	264	5031	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.247	112	1496	0.378	ng		0.00
5) Phenol-d6	6.822	99	1389	0.360	ng		0.00
8) Nitrobenzene-d5	8.801	82	1080	0.337	ng		0.00
11) 2-Methylnaphthalene-d10	12.023	152	1968	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	389	0.324	ng		0.00
15) 2-Fluorobiphenyl	12.918	172	2922m	0.352	ng		0.01
27) Fluoranthene-d10	19.090	212	4756	0.372	ng		0.00
31) Terphenyl-d14	19.703	244	3612	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	782	0.370	ng		97
3) n-Nitrosodimethylamine	3.564	42	664	0.343	ng	#	98
6) bis(2-Chloroethyl)ether	7.089	93	1172	0.378	ng		99
9) Naphthalene	10.466	128	3528	0.378	ng		99
10) Hexachlorobutadiene	10.744	225	1088	0.376	ng	#	99
12) 2-Methylnaphthalene	12.095	142	2221	0.369	ng		96
16) Acenaphthylene	14.009	152	3290	0.365	ng		99
17) Acenaphthene	14.351	154	2226	0.376	ng		100
18) Fluorene	15.345	166	2960	0.404	ng		99
20) 4,6-Dinitro-2-methylph...	15.463	198	224	0.381	ng	#	75
21) 4-Bromophenyl-phenylether	16.250	248	908	0.349	ng	#	92
22) Hexachlorobenzene	16.349	284	1179	0.379	ng		98
23) Atrazine	16.536	200	836	0.357	ng		97
24) Pentachlorophenol	16.709	266	461	0.283	ng		98
25) Phenanthrene	17.094	178	4232	0.361	ng		98
26) Anthracene	17.181	178	3836	0.357	ng		98
28) Fluoranthene	19.118	202	5863	0.370	ng		99
30) Pyrene	19.480	202	6085	0.383	ng		99
32) Benzo(a)anthracene	21.241	228	4740	0.335	ng		99
33) Chrysene	21.295	228	5953	0.381	ng		100
34) Bis(2-ethylhexyl)phtha...	21.188	149	2626	0.355	ng		99
36) Indeno(1,2,3-cd)pyrene	25.724	276	7553	0.353	ng		98
37) Benzo(b)fluoranthene	22.821	252	5699	0.347	ng		99
38) Benzo(k)fluoranthene	22.862	252	6276	0.378	ng		98
39) Benzo(a)pyrene	23.394	252	5481	0.360	ng		96
40) Dibenzo(a,h)anthracene	25.756	278	6065	0.358	ng		96
41) Benzo(g,h,i)perylene	26.408	276	7239	0.362	ng		100

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

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