Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030383.D
Acq On : 13 Mar 2024 15:45
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 14 11:19:17 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 11:09:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1486	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	3405	0.400	ng		0.00
13) Acenaphthene-d10	14.447	164	2077	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	4629	0.400	ng		0.00
29) Chrysene-d12	21.438	240	4493	0.400	ng		0.00
35) Perylene-d12	23.794	264	5329	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	1508	0.390	ng		0.00
5) Phenol-d6	6.959	99	1405	0.373	ng		0.00
8) Nitrobenzene-d5	8.960	82	1128	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.185	152	2027	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	427	0.353	ng		0.00
15) 2-Fluorobiphenyl	13.068	172	3069	0.367	ng		0.00
27) Fluoranthene-d10	19.252	212	5053	0.376	ng		0.00
31) Terphenyl-d14	19.870	244	3803	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	782	0.379	ng		99
3) n-Nitrosodimethylamine	3.636	42	653	0.345	ng		100
6) bis(2-Chloroethyl)ether	7.233	93	1114	0.368	ng		100
9) Naphthalene	10.637	128	3462	0.380	ng		100
10) Hexachlorobutadiene	10.904	225	1099	0.390	ng	#	100
12) 2-Methylnaphthalene	12.261	142	2262	0.386	ng		100
16) Acenaphthylene	14.169	152	3298	0.363	ng		100
17) Acenaphthene	14.511	154	2228	0.374	ng		100
18) Fluorene	15.505	166	2710	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.617	198	264	0.406	ng		100
21) 4-Bromophenyl-phenylether	16.411	248	1009	0.369	ng		100
22) Hexachlorobenzene	16.498	284	1218	0.373	ng		100
23) Atrazine	16.697	200	913	0.371	ng		100
24) Pentachlorophenol	16.870	266	579	0.339	ng		99
25) Phenanthrene	17.243	178	4535	0.368	ng		100
26) Anthracene	17.342	178	4208	0.373	ng		100
28) Fluoranthene	19.285	202	6110	0.368	ng		100
30) Pyrene	19.652	202	6463	0.385	ng		100
32) Benzo(a)anthracene	21.420	228	5403	0.362	ng		100
33) Chrysene	21.474	228	6354	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.366	149	2869	0.368	ng		100
36) Indeno(1,2,3-cd)pyrene	26.212	276	8406	0.370	ng		100
37) Benzo(b)fluoranthene	23.078	252	6311	0.363	ng		100
38) Benzo(k)fluoranthene	23.125	252	6438	0.366	ng		100
39) Benzo(a)pyrene	23.686	252	6054	0.375	ng		100
40) Dibenzo(a,h)anthracene	26.241	278	6712	0.374	ng		100
41) Benzo(g,h,i)perylene	26.943	276	7954	0.376	ng		100

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

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