Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030270.D
Acq On : 05 Mar 2024 13:58
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 05 16:54:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1362	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3380	0.400	ng		0.00
13) Acenaphthene-d10	14.458	164	1734	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	3621	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3093	0.400	ng		0.00
35) Perylene-d12	23.803	264	3435	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1435	0.401	ng		0.00
5) Phenol-d6	6.980	99	1489	0.396	ng		0.00
8) Nitrobenzene-d5	8.971	82	1247	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	12.204	152	2051	0.418	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	376	0.422	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	2965	0.412	ng		0.00
27) Fluoranthene-d10	19.262	212	4100	0.413	ng		0.00
31) Terphenyl-d14	19.879	244	3330	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	754	0.427	ng		100
3) n-Nitrosodimethylamine	3.658	42	739	0.399	ng	#	100
6) bis(2-Chloroethyl)ether	7.255	93	1182	0.396	ng		100
9) Naphthalene	10.658	128	3950	0.419	ng		100
10) Hexachlorobutadiene	10.925	225	912	0.423	ng	#	100
12) 2-Methylnaphthalene	12.280	142	2429	0.417	ng		100
16) Acenaphthylene	14.180	152	3387	0.405	ng		100
17) Acenaphthene	14.522	154	2236	0.414	ng		100
18) Fluorene	15.518	166	2682	0.413	ng		100
20) 4,6-Dinitro-2-methylph...	15.617	198	280	0.373	ng		100
21) 4-Bromophenyl-phenylether	16.411	248	923	0.417	ng		100
22) Hexachlorobenzene	16.511	284	1055	0.412	ng		100
23) Atrazine	16.697	200	827	0.422	ng		100
24) Pentachlorophenol	16.871	266	559	0.419	ng		100
25) Phenanthrene	17.255	178	4233	0.409	ng		100
26) Anthracene	17.355	178	3895	0.409	ng		100
28) Fluoranthene	19.294	202	5248	0.416	ng		100
30) Pyrene	19.661	202	5457	0.420	ng		100
32) Benzo(a)anthracene	21.429	228	4382	0.404	ng		100
33) Chrysene	21.483	228	4876	0.416	ng		100
34) Bis(2-ethylhexyl)phtha...	21.376	149	3649	0.422	ng		100
36) Indeno(1,2,3-cd)pyrene	26.227	276	5809	0.404	ng		100
37) Benzo(b)fluoranthene	23.087	252	4911	0.409	ng		100
38) Benzo(k)fluoranthene	23.131	252	5038	0.413	ng		100
39) Benzo(a)pyrene	23.698	252	4292	0.405	ng		100
40) Dibenzo(a,h)anthracene	26.259	278	4364	0.386	ng		100
41) Benzo(g,h,i)perylene	26.963	276	5311	0.407	ng		100

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

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