Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035064.D
Acq On : 13 Nov 2024 13:52
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 13 16:43:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	2804	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	6865	0.400	ng		0.00
13) Acenaphthene-d10	14.186	164	5401	0.400	ng		0.00
19) Phenanthrene-d10	16.939	188	13499	0.400	ng		0.00
29) Chrysene-d12	21.140	240	14946	0.400	ng		0.00
35) Perylene-d12	23.304	264	17077	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	2661	0.374	ng		0.00
5) Phenol-d6	6.737	99	3250	0.364	ng		0.00
8) Nitrobenzene-d5	8.696	82	2197	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	11.916	152	4559	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.686	330	1295	0.333	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	7888	0.360	ng		0.00
27) Fluoranthene-d10	18.976	212	15786	0.382	ng		0.00
31) Terphenyl-d14	19.589	244	12101	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.177	88	940	0.369	ng		100
3) n-Nitrosodimethylamine	3.480	42	914	0.386	ng		100
6) bis(2-Chloroethyl)ether	6.990	93	2504	0.374	ng		100
9) Naphthalene	10.362	128	6705	0.374	ng		100
10) Hexachlorobutadiene	10.661	225	2010	0.383	ng	#	100
12) 2-Methylnaphthalene	11.988	142	4884	0.369	ng		100
16) Acenaphthylene	13.908	152	8034	0.348	ng		100
17) Acenaphthene	14.251	154	5401	0.357	ng		100
18) Fluorene	15.245	166	7900	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.330	198	979	0.348	ng		100
21) 4-Bromophenyl-phenylether	16.145	248	3317	0.386	ng		100
22) Hexachlorobenzene	16.244	284	3412	0.382	ng		100
23) Atrazine	16.418	200	2925	0.379	ng		100
24) Pentachlorophenol	16.592	266	1402	0.336	ng		100
25) Phenanthrene	16.977	178	13558	0.382	ng		100
26) Anthracene	17.064	178	12422	0.381	ng		100
28) Fluoranthene	19.004	202	18716	0.383	ng		100
30) Pyrene	19.366	202	19252	0.387	ng		100
32) Benzo(a)anthracene	21.122	228	19844	0.381	ng		100
33) Chrysene	21.176	228	19908	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.077	149	9671	0.357	ng		100
36) Indeno(1,2,3-cd)pyrene	25.453	276	25986	0.381	ng		100
37) Benzo(b)fluoranthene	22.658	252	21843	0.380	ng		100
38) Benzo(k)fluoranthene	22.701	252	21977	0.382	ng		100
39) Benzo(a)pyrene	23.207	252	19170	0.379	ng		100
40) Dibenzo(a,h)anthracene	25.467	278	20655	0.383	ng		100
41) Benzo(g,h,i)perylene	26.105	276	21955	0.382	ng		100

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

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