Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030451.D
Acq On : 21 Mar 2024 17:51
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 21 23:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	9433	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	25734	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	13412	0.400	ng		0.00
19) Phenanthrene-d10	17.106	188	30167	0.400	ng		0.00
29) Chrysene-d12	21.304	240	21703	0.400	ng		0.00
35) Perylene-d12	23.563	264	20689	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	4724	0.203	ng		0.00
5) Phenol-d6	6.887	99	5998	0.197	ng		0.00
8) Nitrobenzene-d5	8.875	82	3897	0.197	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	7516	0.201	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	865	0.177	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	11995	0.207	ng		0.00
27) Fluoranthene-d10	19.145	212	14770	0.196	ng		0.00
31) Terphenyl-d14	19.754	244	9768	0.201	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2434	0.200	ng		96
3) n-Nitrosodimethylamine	3.564	42	2407	0.205	ng	#	99
6) bis(2-Chloroethyl)ether	7.161	93	6037	0.207	ng		99
9) Naphthalene	10.562	128	15074	0.203	ng		99
10) Hexachlorobutadiene	10.850	225	2923	0.211	ng	#	99
12) 2-Methylnaphthalene	12.182	142	9558	0.201	ng		99
16) Acenaphthylene	14.083	152	13323	0.193	ng		99
17) Acenaphthene	14.425	154	9092	0.197	ng		99
18) Fluorene	15.420	166	12264	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.484	198	398	0.262	ng	#	48
21) 4-Bromophenyl-phenylether	16.312	248	3892	0.199	ng		98
22) Hexachlorobenzene	16.411	284	4771	0.202	ng		99
23) Atrazine	16.585	200	2575	0.183	ng		97
24) Pentachlorophenol	16.759	266	1055	0.294	ng		94
25) Phenanthrene	17.156	178	19271	0.200	ng		100
26) Anthracene	17.243	178	16370	0.193	ng		99
28) Fluoranthene	19.178	202	21407	0.196	ng		100
30) Pyrene	19.540	202	21920	0.202	ng		100
32) Benzo(a)anthracene	21.295	228	16690	0.190	ng		99
33) Chrysene	21.340	228	18345	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.250	149	6619	0.178	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.850	276	14401	0.172	ng		98
37) Benzo(b)fluoranthene	22.885	252	16514	0.182	ng		95
38) Benzo(k)fluoranthene	22.929	252	16902	0.187	ng	#	95
39) Benzo(a)pyrene	23.464	252	12549	0.179	ng	#	93
40) Dibenzo(a,h)anthracene	25.876	278	11399	0.169	ng		94
41) Benzo(g,h,i)perylene	26.542	276	13278	0.179	ng		99

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

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