Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030935.D
Acq On : 15 Apr 2024 12:43
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 15 17:12:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	4506	0.400	ng		0.00
7) Naphthalene-d8	10.431	136	13298	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	7571	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	17796	0.400	ng		0.00
29) Chrysene-d12	21.240	240	15857	0.400	ng		0.00
35) Perylene-d12	23.460	264	15642	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	972	0.097	ng		0.00
5) Phenol-d6	6.822	99	1099	0.090	ng		0.00
8) Nitrobenzene-d5	8.808	82	842	0.091	ng		0.01
11) 2-Methylnaphthalene-d10	12.024	152	1937	0.095	ng		0.00
14) 2,4,6-Tribromophenol	15.786	330	270	0.092	ng		0.00
15) 2-Fluorobiphenyl	12.915	172	2822	0.111	ng		0.01
27) Fluoranthene-d10	19.079	212	4364	0.091	ng		0.00
31) Terphenyl-d14	19.683	244	3801	0.103	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	699	0.126	ng	#	85
3) n-Nitrosodimethylamine	3.507	42	509	0.098	ng	#	1
6) bis(2-Chloroethyl)ether	7.082	93	1118	0.093	ng		99
9) Naphthalene	10.474	128	3587	0.098	ng		95
10) Hexachlorobutadiene	10.762	225	733	0.100	ng	#	99
12) 2-Methylnaphthalene	12.099	142	2308	0.095	ng		97
16) Acenaphthylene	14.006	152	3005	0.090	ng		99
17) Acenaphthene	14.348	154	2254	0.096	ng		98
18) Fluorene	15.342	166	2946	0.095	ng		99
21) 4-Bromophenyl-phenylether	16.246	248	1016	0.096	ng	#	74
22) Hexachlorobenzene	16.345	284	1222	0.099	ng		99
23) Atrazine	16.519	200	679	0.089	ng	#	91
25) Phenanthrene	17.077	178	5112	0.097	ng		100
26) Anthracene	17.176	178	3875	0.089	ng		100
28) Fluoranthene	19.107	202	5823	0.092	ng		100
30) Pyrene	19.474	202	6132	0.100	ng		100
32) Benzo(a)anthracene	21.222	228	5439	0.098	ng		99
33) Chrysene	21.276	228	5978	0.100	ng		99
34) Bis(2-ethylhexyl)phtha...	21.159	149	2743	0.108	ng		99
36) Indeno(1,2,3-cd)pyrene	25.690	276	6750	0.093	ng		98
37) Benzo(b)fluoranthene	22.793	252	6073	0.094	ng	#	77
38) Benzo(k)fluoranthene	22.837	252	5822	0.092	ng	#	79
39) Benzo(a)pyrene	23.363	252	5182	0.096	ng	#	71
40) Dibenzo(a,h)anthracene	25.708	278	5309	0.091	ng	#	88
41) Benzo(g,h,i)perylene	26.375	276	6036	0.094	ng		93

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

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