Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033790.D
Acq On : 06 Sep 2024 19:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 07 01:38:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	4851	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	12284	0.400	ng	#	0.00
13) Acenaphthene-d10	14.146	164	5610	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	10663	0.400	ng	#	0.00
29) Chrysene-d12	21.112	240	8084	0.400	ng		0.00
35) Perylene-d12	23.268	264	8417	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	5288	0.356	ng		0.00
5) Phenol-d6	6.700	99	6194	0.352	ng		0.00
8) Nitrobenzene-d5	8.649	82	3868	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	6497	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	937	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	9132	0.390	ng		0.00
27) Fluoranthene-d10	18.942	212	10057	0.382	ng		0.00
31) Terphenyl-d14	19.560	244	6682	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2114	0.383	ng		99
3) n-Nitrosodimethylamine	3.464	42	2753	0.425	ng	#	85
6) bis(2-Chloroethyl)ether	6.953	93	4986	0.376	ng		98
9) Naphthalene	10.314	128	12620	0.385	ng		99
10) Hexachlorobutadiene	10.613	225	2774	0.406	ng	#	99
12) 2-Methylnaphthalene	11.945	142	7605	0.378	ng		99
16) Acenaphthylene	13.868	152	8893	0.367	ng		100
17) Acenaphthene	14.210	154	6443	0.388	ng		99
18) Fluorene	15.204	166	7882	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.290	198	622	0.369	ng	#	79
21) 4-Bromophenyl-phenylether	16.110	248	2425	0.393	ng		92
22) Hexachlorobenzene	16.209	284	2803	0.396	ng		96
23) Atrazine	16.383	200	1815	0.368	ng	#	90
24) Pentachlorophenol	16.557	266	991	0.342	ng		97
25) Phenanthrene	16.942	178	11574	0.394	ng		100
26) Anthracene	17.029	178	9523	0.373	ng		99
28) Fluoranthene	18.975	202	12730	0.387	ng		99
30) Pyrene	19.337	202	12824	0.394	ng		100
32) Benzo(a)anthracene	21.095	228	10944	0.379	ng		98
33) Chrysene	21.148	228	11764	0.412	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5827	0.370	ng		99
36) Indeno(1,2,3-cd)pyrene	25.396	276	14274	0.410	ng		98
37) Benzo(b)fluoranthene	22.630	252	12143	0.393	ng		97
38) Benzo(k)fluoranthene	22.671	252	12691	0.421	ng		100
39) Benzo(a)pyrene	23.171	252	10057	0.389	ng		98
40) Dibenzo(a,h)anthracene	25.414	278	11304	0.405	ng		98
41) Benzo(g,h,i)perylene	26.045	276	12264	0.406	ng		99

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

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