Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033505.D
Acq On : 20 Aug 2024 14:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 20 15:13:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	10378	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	27856	0.400	ng	#	0.00
13) Acenaphthene-d10	14.189	164	14175	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	28560	0.400	ng	#	0.00
29) Chrysene-d12	21.148	240	16718	0.400	ng		0.00
35) Perylene-d12	23.317	264	16422	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	10681	0.324	ng		0.00
5) Phenol-d6	6.736	99	13600	0.347	ng		0.00
8) Nitrobenzene-d5	8.681	82	7847	0.340	ng		-0.01
11) 2-Methylnaphthalene-d10	11.911	152	14394	0.361	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	2206	0.289	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	21634	0.374	ng		0.00
27) Fluoranthene-d10	18.980	212	22898	0.334	ng		0.00
31) Terphenyl-d14	19.593	244	14717	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4020	0.337	ng		97
3) n-Nitrosodimethylamine	3.479	42	4970	0.358	ng	#	92
6) bis(2-Chloroethyl)ether	6.989	93	10509	0.378	ng		98
9) Naphthalene	10.357	128	27093	0.364	ng		99
10) Hexachlorobutadiene	10.667	225	5446	0.367	ng	#	99
12) 2-Methylnaphthalene	11.986	142	17168	0.364	ng		99
16) Acenaphthylene	13.900	152	21398	0.344	ng		100
17) Acenaphthene	14.253	154	15771	0.361	ng		99
18) Fluorene	15.236	166	19667	0.357	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	1237	0.277	ng	#	78
21) 4-Bromophenyl-phenylether	16.147	248	6156	0.355	ng	#	89
22) Hexachlorobenzene	16.247	284	7112	0.371	ng		98
23) Atrazine	16.420	200	4572	0.330	ng		95
24) Pentachlorophenol	16.594	266	2154	0.260	ng		97
25) Phenanthrene	16.979	178	29719	0.374	ng		100
26) Anthracene	17.066	178	24309	0.346	ng		99
28) Fluoranthene	19.007	202	30006	0.342	ng		100
30) Pyrene	19.370	202	29766	0.399	ng		100
32) Benzo(a)anthracene	21.130	228	21719	0.359	ng		99
33) Chrysene	21.184	228	22894	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	11937	0.312	ng		99
36) Indeno(1,2,3-cd)pyrene	25.475	276	25584	0.375	ng		99
37) Benzo(b)fluoranthene	22.671	252	22315	0.364	ng		99
38) Benzo(k)fluoranthene	22.715	252	21979	0.364	ng		100
39) Benzo(a)pyrene	23.224	252	17894	0.353	ng		99
40) Dibenzo(a,h)anthracene	25.487	278	20487	0.376	ng		99
41) Benzo(g,h,i)perylene	26.124	276	21618	0.371	ng		100

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

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