Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033773.D
Acq On : 06 Sep 2024 09:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 06 11:06:35 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	5769	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	14986	0.400	ng	#	0.00
13) Acenaphthene-d10	14.146	164	6772	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	13338	0.400	ng		0.00
29) Chrysene-d12	21.112	240	10082	0.400	ng		0.00
35) Perylene-d12	23.268	264	10458	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6153	0.348	ng		0.00
5) Phenol-d6	6.700	99	7295	0.349	ng		0.00
8) Nitrobenzene-d5	8.649	82	4667	0.366	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	7926	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1106	0.323	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	11196	0.397	ng		0.00
27) Fluoranthene-d10	18.942	212	12398	0.377	ng		0.00
31) Terphenyl-d14	19.560	244	8446	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2638	0.402	ng		96
3) n-Nitrosodimethylamine	3.464	42	2954	0.383	ng		95
6) bis(2-Chloroethyl)ether	6.953	93	6148	0.390	ng		99
9) Naphthalene	10.314	128	15266	0.381	ng		99
10) Hexachlorobutadiene	10.613	225	3230	0.388	ng	#	99
12) 2-Methylnaphthalene	11.945	142	9196	0.375	ng		100
16) Acenaphthylene	13.868	152	10833	0.370	ng		100
17) Acenaphthene	14.210	154	7779	0.388	ng		99
18) Fluorene	15.204	166	9582	0.387	ng		99
20) 4,6-Dinitro-2-methylph...	15.290	198	720	0.342	ng	#	82
21) 4-Bromophenyl-phenylether	16.110	248	2938	0.380	ng	#	92
22) Hexachlorobenzene	16.209	284	3433	0.387	ng		96
23) Atrazine	16.383	200	2136	0.346	ng	#	91
24) Pentachlorophenol	16.557	266	1201	0.331	ng		99
25) Phenanthrene	16.942	178	14211	0.387	ng		99
26) Anthracene	17.029	178	11811	0.370	ng		99
28) Fluoranthene	18.975	202	15677	0.381	ng		99
30) Pyrene	19.337	202	15821	0.389	ng		100
32) Benzo(a)anthracene	21.095	228	13467	0.374	ng		98
33) Chrysene	21.148	228	14733	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	6599	0.336	ng		99
36) Indeno(1,2,3-cd)pyrene	25.396	276	17148	0.397	ng		99
37) Benzo(b)fluoranthene	22.627	252	15007	0.390	ng		97
38) Benzo(k)fluoranthene	22.671	252	15229	0.406	ng		99
39) Benzo(a)pyrene	23.174	252	12084	0.376	ng		97
40) Dibenzo(a,h)anthracene	25.414	278	13633	0.393	ng		98
41) Benzo(g,h,i)perylene	26.039	276	15010	0.400	ng		98

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

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