Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034590.D
Acq On : 15 Oct 2024 02:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 15 02:59:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.358	152	4253	0.400	ng		0.00
7) Naphthalene-d8	10.116	136	12824	0.400	ng		0.00
13) Acenaphthene-d10	14.015	164	7776	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	14824	0.400	ng		0.00
29) Chrysene-d12	21.006	240	5468	0.400	ng		0.00
35) Perylene-d12	23.102	264	9911	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.004	112	4492	0.390	ng		0.00
5) Phenol-d6	6.571	99	4522	0.378	ng		0.00
8) Nitrobenzene-d5	8.515	82	3054	0.365	ng		0.00
11) 2-Methylnaphthalene-d10	11.723	152	7587	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.537	330	1255	0.364	ng		0.00
15) 2-Fluorobiphenyl	12.636	172	10226	0.381	ng		0.00
27) Fluoranthene-d10	18.822	212	13783	0.382	ng		0.00
31) Terphenyl-d14	19.450	244	8673	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.018	88	2078	0.405	ng		98
3) n-Nitrosodimethylamine	3.321	42	1838	0.393	ng	#	96
6) bis(2-Chloroethyl)ether	6.809	93	3195	0.327	ng		97
9) Naphthalene	10.169	128	13295	0.396	ng		100
10) Hexachlorobutadiene	10.458	225	2974	0.406	ng	#	99
12) 2-Methylnaphthalene	11.803	142	8546	0.395	ng		99
16) Acenaphthylene	13.727	152	11587	0.367	ng		100
17) Acenaphthene	14.079	154	8724	0.390	ng		100
18) Fluorene	15.074	166	10980	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	16.282	198	75	0.368	ng		95
21) 4-Bromophenyl-phenylether	15.984	248	3132	0.389	ng	#	92
22) Hexachlorobenzene	16.083	284	4606	0.424	ng		99
23) Atrazine	16.282	200	2456	0.383	ng		99
24) Pentachlorophenol	16.455	266	1020	0.328	ng		97
25) Phenanthrene	16.815	178	15558	0.398	ng		100
26) Anthracene	16.915	178	12945	0.381	ng		99
28) Fluoranthene	18.855	202	16984	0.381	ng		99
30) Pyrene	19.217	202	17210	0.321	ng		100
33) Chrysene	21.033	228	16789	0.343	ng		99
36) Indeno(1,2,3-cd)pyrene	25.154	276	15744	0.409	ng		99
37) Benzo(b)fluoranthene	22.482	252	12334	0.372	ng		98
38) Benzo(k)fluoranthene	22.523	252	15873	0.421	ng		97
39) Benzo(a)pyrene	23.011	252	11440	0.398	ng		97
40) Dibenzo(a,h)anthracene	25.172	278	11956	0.406	ng		99
41) Benzo(g,h,i)perylene	25.774	276	14432	0.410	ng		98

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

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