Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101524\
Data File : BN034592.D
Acq On : 15 Oct 2024 17:13
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 16 00:01:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 23:53:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	5349	0.400	ng		0.00
7) Naphthalene-d8	10.447	136	15562	0.400	ng	#	0.00
13) Acenaphthene-d10	14.297	164	8326	0.400	ng		0.00
19) Phenanthrene-d10	17.044	188	17865	0.400	ng		0.00
29) Chrysene-d12	21.232	240	15945	0.400	ng		0.00
35) Perylene-d12	23.446	264	18665	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.278	112	1904	0.129	ng		0.00
5) Phenol-d6	6.831	99	2519	0.126	ng		0.00
8) Nitrobenzene-d5	8.803	82	1271	0.108	ng		0.00
11) 2-Methylnaphthalene-d10	12.041	152	2358	0.098	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	419	0.098	ng		0.00
15) 2-Fluorobiphenyl	12.929	172	3118	0.091	ng		0.00
27) Fluoranthene-d10	19.076	212	4788	0.100	ng		0.00
31) Terphenyl-d14	19.689	244	3240	0.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	711	0.120	ng		90
3) n-Nitrosodimethylamine	3.545	42	711	0.093	ng	#	88
6) bis(2-Chloroethyl)ether	7.106	93	1691	0.105	ng		97
9) Naphthalene	10.490	128	4292	0.100	ng	#	74
10) Hexachlorobutadiene	10.799	225	740	0.090	ng	#	98
12) 2-Methylnaphthalene	12.113	142	2751	0.095	ng	#	87
16) Acenaphthylene	14.019	152	4069	0.105	ng		99
17) Acenaphthene	14.361	154	2542	0.095	ng		98
18) Fluorene	15.355	166	3209	0.091	ng		99
20) 4,6-Dinitro-2-methylph...	15.420	198	133	0.061	ng	#	1
21) 4-Bromophenyl-phenylether	16.250	248	976	0.091	ng	#	87
22) Hexachlorobenzene	16.349	284	1116	0.093	ng		96
23) Atrazine	16.523	200	965	0.114	ng	#	88
24) Pentachlorophenol	16.697	266	562	0.116	ng		91
25) Phenanthrene	17.081	178	4921	0.095	ng		100
26) Anthracene	17.181	178	4754	0.104	ng		98
28) Fluoranthene	19.108	202	5926	0.093	ng		99
30) Pyrene	19.471	202	6220	0.098	ng		99
32) Benzo(a)anthracene	21.214	228	5886	0.099	ng		97
33) Chrysene	21.268	228	5628	0.094	ng		96
34) Bis(2-ethylhexyl)phtha...	21.196	149	4924	0.182	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.668	276	7082	0.092	ng		93
37) Benzo(b)fluoranthene	22.785	252	6414	0.091	ng	#	76
38) Benzo(k)fluoranthene	22.829	252	6049	0.084	ng	#	73
39) Benzo(a)pyrene	23.350	252	5706	0.096	ng	#	54
40) Dibenzo(a,h)anthracene	25.692	278	5706	0.094	ng	#	70
41) Benzo(g,h,i)perylene	26.338	276	6015	0.089	ng	#	73

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

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