Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
Data File : BN035918.D
Acq On : 13 Jan 2025 12:37
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 13 13:14:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	1057	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	1958	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	980	0.400	ng		0.00
19) Phenanthrene-d10	17.199	188	1931	0.400	ng		-0.01
29) Chrysene-d12	21.385	240	1681	0.400	ng		# 0.00
35) Perylene-d12	23.683	264	1895	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.405	112	969	0.374	ng		0.00
5) Phenol-d6	6.979	99	1162	0.361	ng		0.00
8) Nitrobenzene-d5	8.967	82	662	0.427	ng		-0.01
11) 2-Methylnaphthalene-d10	12.213	152	998	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.945	330	246	0.523	ng		-0.01
15) 2-Fluorobiphenyl	13.084	172	1721	0.400	ng		0.00
27) Fluoranthene-d10	19.230	212	1935	0.404	ng		0.00
31) Terphenyl-d14	19.834	244	1308	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	362	0.345	ng		93
3) n-Nitrosodimethylamine	3.621	42	836	0.456	ng	#	83
6) bis(2-Chloroethyl)ether	7.247	93	889	0.362	ng		95
9) Naphthalene	10.675	128	2184	0.397	ng		99
10) Hexachlorobutadiene	10.974	225	780	0.437	ng	#	95
12) 2-Methylnaphthalene	12.284	142	1330	0.391	ng		98
16) Acenaphthylene	14.174	152	1836	0.398	ng		99
17) Acenaphthene	14.527	154	1237	0.409	ng		96
18) Fluorene	15.511	166	1301	0.391	ng		99
20) 4,6-Dinitro-2-methylph...	15.573	198	214	0.638	ng	#	74
21) 4-Bromophenyl-phenylether	16.404	248	566	0.428	ng	#	77
22) Hexachlorobenzene	16.516	284	745	0.413	ng		97
23) Atrazine	16.665	200	387	0.436	ng	#	92
24) Pentachlorophenol	16.851	266	311	0.487	ng		98
25) Phenanthrene	17.236	178	2258	0.401	ng		99
26) Anthracene	17.335	178	2078	0.405	ng		99
28) Fluoranthene	19.258	202	2609	0.397	ng		99
30) Pyrene	19.620	202	2705	0.396	ng		99
32) Benzo(a)anthracene	21.367	228	2384	0.402	ng		100
33) Chrysene	21.412	228	2378	0.384	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	1146	0.475	ng		98
36) Indeno(1,2,3-cd)pyrene	26.028	276	2899	0.388	ng		95
37) Benzo(b)fluoranthene	22.988	252	2495	0.383	ng		97
38) Benzo(k)fluoranthene	23.034	252	2532	0.393	ng		97
39) Benzo(a)pyrene	23.581	252	2167	0.385	ng		97
40) Dibenzo(a,h)anthracene	26.049	278	2321	0.390	ng		96
41) Benzo(g,h,i)perylene	26.745	276	2537	0.382	ng		97

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

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