Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011025\
Data File : BN035912.D
Acq On : 10 Jan 2025 21:20
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 10 22:14:48 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	1033	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1896	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	908	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1715	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	1402	0.400	ng	0.00
35) Perylene-d12	23.686	264	1689	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	945	0.373	ng	0.00
5) Phenol-d6	6.979	99	1174	0.373	ng	0.00
8) Nitrobenzene-d5	8.967	82	666	0.444	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	977	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	200	0.459	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1635	0.410	ng	0.00
27) Fluoranthene-d10	19.230	212	1648	0.387	ng	0.00
31) Terphenyl-d14	19.834	244	1072	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	424	0.413	ng	# 92
3) n-Nitrosodimethylamine	3.621	42	786	0.439	ng	86
6) bis(2-Chloroethyl)ether	7.247	93	901	0.376	ng	96
9) Naphthalene	10.675	128	2101	0.395	ng	98
10) Hexachlorobutadiene	10.974	225	735	0.425	ng	# 99
12) 2-Methylnaphthalene	12.284	142	1282	0.389	ng	96
16) Acenaphthylene	14.174	152	1721	0.402	ng	100
17) Acenaphthene	14.527	154	1171	0.418	ng	95
18) Fluorene	15.511	166	1214	0.394	ng	97
20) 4,6-Dinitro-2-methylph...	15.573	198	180	0.604	ng	# 80
21) 4-Bromophenyl-phenylether	16.404	248	505	0.429	ng	# 78
22) Hexachlorobenzene	16.516	284	643	0.401	ng	96
23) Atrazine	16.665	200	330	0.418	ng	# 93
24) Pentachlorophenol	16.851	266	267	0.470	ng	98
25) Phenanthrene	17.236	178	2015	0.403	ng	100
26) Anthracene	17.335	178	1809	0.397	ng	99
28) Fluoranthene	19.262	202	2230	0.382	ng	99
30) Pyrene	19.620	202	2313	0.406	ng	99
32) Benzo(a)anthracene	21.367	228	1990	0.403	ng	97
33) Chrysene	21.421	228	2033	0.393	ng	97
34) Bis(2-ethylhexyl)phtha...	21.313	149	959	0.477	ng	99
36) Indeno(1,2,3-cd)pyrene	26.034	276	2628	0.395	ng	97
37) Benzo(b)fluoranthene	22.991	252	2167	0.373	ng	95
38) Benzo(k)fluoranthene	23.037	252	2235m	0.389	ng	
39) Benzo(a)pyrene	23.584	252	1927	0.384	ng	97
40) Dibenzo(a,h)anthracene	26.057	278	2091	0.395	ng	95
41) Benzo(g,h,i)perylene	26.747	276	2297	0.388	ng	97

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

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