Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
Data File : BN035926.D
Acq On : 15 Jan 2025 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 15 11:50:55 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	7.824	152	1122	0.400	ng		-0.01
7) Naphthalene-d8	10.622	136	1996	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	954	0.400	ng		0.00
19) Phenanthrene-d10	17.199	188	1813	0.400	ng		-0.01
29) Chrysene-d12	21.376	240	1614	0.400	ng		0.00
35) Perylene-d12	23.677	264	1998	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.398	112	1064	0.387	ng		-0.01
5) Phenol-d6	6.979	99	1284	0.376	ng		0.00
8) Nitrobenzene-d5	8.967	82	740	0.468	ng		-0.01
11) 2-Methylnaphthalene-d10	12.208	152	998	0.373	ng		0.00
14) 2,4,6-Tribromophenol	15.945	330	227	0.496	ng		-0.01
15) 2-Fluorobiphenyl	13.084	172	1663	0.397	ng		0.00
27) Fluoranthene-d10	19.230	212	1777	0.395	ng		0.00
31) Terphenyl-d14	19.829	244	1214	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	474	0.425	ng		95
3) n-Nitrosodimethylamine	3.621	42	933	0.480	ng		91
6) bis(2-Chloroethyl)ether	7.246	93	1004	0.385	ng		98
9) Naphthalene	10.664	128	2169	0.387	ng		99
10) Hexachlorobutadiene	10.974	225	738	0.406	ng	#	99
12) 2-Methylnaphthalene	12.284	142	1300	0.375	ng		97
16) Acenaphthylene	14.174	152	1740	0.387	ng		99
17) Acenaphthene	14.516	154	1185	0.402	ng		95
18) Fluorene	15.500	166	1235	0.381	ng		97
20) 4,6-Dinitro-2-methylph...	15.573	198	204	0.648	ng	#	84
21) 4-Bromophenyl-phenylether	16.392	248	503	0.405	ng		93
22) Hexachlorobenzene	16.516	284	655	0.386	ng		94
23) Atrazine	16.665	200	347	0.416	ng	#	92
24) Pentachlorophenol	16.851	266	389	0.648	ng		99
25) Phenanthrene	17.236	178	2042	0.386	ng		100
26) Anthracene	17.335	178	1902	0.395	ng		98
28) Fluoranthene	19.258	202	2431	0.394	ng		98
30) Pyrene	19.620	202	2489	0.380	ng		99
32) Benzo(a)anthracene	21.358	228	2304	0.405	ng		98
33) Chrysene	21.412	228	2339	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	979	0.423	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.019	276	3063	0.389	ng		95
37) Benzo(b)fluoranthene	22.982	252	2535	0.369	ng		98
38) Benzo(k)fluoranthene	23.028	252	2604	0.383	ng		95
39) Benzo(a)pyrene	23.575	252	2244	0.378	ng		96
40) Dibenzo(a,h)anthracene	26.040	278	2458	0.392	ng		97
41) Benzo(g,h,i)perylene	26.736	276	2684	0.383	ng		96

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

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