Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
Data File : BN035914.D
Acq On : 13 Jan 2025 10:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 13 11:08:39 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	1245	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	2271	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	1028	0.400	ng		0.00
19) Phenanthrene-d10	17.199	188	1955	0.400	ng		-0.01
29) Chrysene-d12	21.376	240	1568	0.400	ng		0.00
35) Perylene-d12	23.681	264	1851	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.398	112	1166	0.382	ng		-0.01
5) Phenol-d6	6.979	99	1411	0.372	ng		0.00
8) Nitrobenzene-d5	8.967	82	806	0.448	ng		-0.01
11) 2-Methylnaphthalene-d10	12.213	152	1126	0.370	ng		0.00
14) 2,4,6-Tribromophenol	15.945	330	226	0.458	ng		-0.01
15) 2-Fluorobiphenyl	13.084	172	1877	0.416	ng		0.00
27) Fluoranthene-d10	19.230	212	1787	0.368	ng		0.00
31) Terphenyl-d14	19.829	244	1192	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	541	0.438	ng		97
3) n-Nitrosodimethylamine	3.621	42	1023	0.474	ng		91
6) bis(2-Chloroethyl)ether	7.247	93	1138	0.394	ng		97
9) Naphthalene	10.664	128	2509	0.394	ng		99
10) Hexachlorobutadiene	10.974	225	840	0.406	ng	#	99
12) 2-Methylnaphthalene	12.284	142	1495	0.379	ng		99
16) Acenaphthylene	14.174	152	1926	0.398	ng		99
17) Acenaphthene	14.516	154	1289	0.406	ng		98
18) Fluorene	15.500	166	1302	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.573	198	208	0.613	ng	#	80
21) 4-Bromophenyl-phenylether	16.392	248	545	0.407	ng	#	87
22) Hexachlorobenzene	16.516	284	699	0.382	ng		96
23) Atrazine	16.665	200	331	0.368	ng	#	90
24) Pentachlorophenol	16.851	266	309	0.478	ng		98
25) Phenanthrene	17.236	178	2187	0.383	ng		99
26) Anthracene	17.335	178	1968	0.379	ng		99
28) Fluoranthene	19.258	202	2414	0.363	ng		99
30) Pyrene	19.620	202	2505	0.393	ng		99
32) Benzo(a)anthracene	21.367	228	2173	0.393	ng		99
33) Chrysene	21.412	228	2271	0.393	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	945	0.420	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.031	276	2864	0.392	ng		98
37) Benzo(b)fluoranthene	22.985	252	2444	0.384	ng		95
38) Benzo(k)fluoranthene	23.032	252	2370	0.377	ng		96
39) Benzo(a)pyrene	23.581	252	2142	0.389	ng		97
40) Dibenzo(a,h)anthracene	26.052	278	2259	0.389	ng		96
41) Benzo(g,h,i)perylene	26.745	276	2552	0.393	ng		96

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

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