Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
Data File : BN036897.D
Acq On : 14 Apr 2025 12:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 14 15:33:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 16:11:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	2016	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	5019	0.400	ng		#-0.01
13) Acenaphthene-d10	14.277	164	2875	0.400	ng		-0.01
19) Phenanthrene-d10	17.021	188	5788	0.400	ng		-0.01
29) Chrysene-d12	21.224	240	4945	0.400	ng		# 0.00
35) Perylene-d12	23.439	264	4927	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.221	112	1962	0.414	ng		0.00
5) Phenol-d6	6.802	99	2364	0.390	ng		-0.01
8) Nitrobenzene-d5	8.781	82	2208	0.396	ng		-0.01
11) 2-Methylnaphthalene-d10	12.011	152	3009	0.412	ng		-0.01
14) 2,4,6-Tribromophenol	15.767	330	544	0.392	ng		-0.01
15) 2-Fluorobiphenyl	12.899	172	5918	0.429	ng		-0.01
27) Fluoranthene-d10	19.063	212	6558	0.402	ng		0.00
31) Terphenyl-d14	19.672	244	4478	0.477	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	946	0.405	ng		93
3) n-Nitrosodimethylamine	3.466	42	2166	0.418	ng	#	100
6) bis(2-Chloroethyl)ether	7.062	93	2440	0.410	ng		93
9) Naphthalene	10.458	128	5967	0.413	ng	#	90
10) Hexachlorobutadiene	10.757	225	1400	0.427	ng	#	100
12) 2-Methylnaphthalene	12.082	142	3794	0.408	ng		98
16) Acenaphthylene	13.999	152	5413	0.405	ng		99
17) Acenaphthene	14.342	154	3640	0.419	ng		96
18) Fluorene	15.336	166	4840	0.404	ng		97
20) 4,6-Dinitro-2-methylph...	15.411	198	599	0.437	ng	#	76
21) 4-Bromophenyl-phenylether	16.227	248	1569	0.453	ng		94
22) Hexachlorobenzene	16.338	284	1793	0.437	ng		96
23) Atrazine	16.500	200	1285	0.379	ng		92
24) Pentachlorophenol	16.686	266	903	0.420	ng		95
25) Phenanthrene	17.071	178	7665	0.442	ng		98
26) Anthracene	17.158	178	6577	0.425	ng		98
28) Fluoranthene	19.096	202	8851	0.405	ng		99
30) Pyrene	19.458	202	8979	0.480	ng		100
32) Benzo(a)anthracene	21.207	228	7460	0.427	ng		96
33) Chrysene	21.260	228	8205	0.426	ng		98
34) Bis(2-ethylhexyl)phtha...	21.153	149	5433	0.419	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.658	276	8264	0.351	ng		99
37) Benzo(b)fluoranthene	22.775	252	7852	0.449	ng	#	87
38) Benzo(k)fluoranthene	22.819	252	8091	0.459	ng	#	86
39) Benzo(a)pyrene	23.342	252	6906	0.451	ng	#	86
40) Dibenzo(a,h)anthracene	25.672	278	6493	0.348	ng		92
41) Benzo(g,h,i)perylene	26.339	276	7126	0.338	ng		98

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

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