Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036773.D
Acq On : 28 Mar 2025 15:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 28 15:45:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	1368	0.400	ng		-0.03
7) Naphthalene-d8	10.487	136	3508	0.400	ng		-0.02
13) Acenaphthene-d10	14.334	164	2285	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	4820	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	4311	0.400	ng		-0.02
35) Perylene-d12	23.519	264	3840	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1132	0.355	ng		-0.02
5) Phenol-d6	6.872	99	1319	0.335	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1281	0.336	ng		-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1923	0.369	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	401	0.387	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	4412	0.332	ng		-0.03
27) Fluoranthene-d10	19.118	212	5100	0.413	ng		-0.02
31) Terphenyl-d14	19.726	244	3318	0.321	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	612	0.403	ng		97
3) n-Nitrosodimethylamine	3.535	42	1197	0.390	ng	#	94
6) bis(2-Chloroethyl)ether	7.125	93	1426	0.350	ng		98
9) Naphthalene	10.530	128	3698	0.358	ng		96
10) Hexachlorobutadiene	10.818	225	914	0.376	ng	#	97
12) 2-Methylnaphthalene	12.156	142	2449	0.373	ng		97
16) Acenaphthylene	14.056	152	3706	0.344	ng		99
17) Acenaphthene	14.398	154	2532	0.359	ng		99
18) Fluorene	15.392	166	3533	0.370	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	336	0.419	ng		92
21) 4-Bromophenyl-phenylether	16.280	248	1116	0.370	ng		92
22) Hexachlorobenzene	16.391	284	1346	0.369	ng		96
23) Atrazine	16.565	200	936	0.387	ng		96
24) Pentachlorophenol	16.751	266	664	0.399	ng		99
25) Phenanthrene	17.124	178	5603	0.388	ng		100
26) Anthracene	17.223	178	4854	0.372	ng		100
28) Fluoranthene	19.150	202	6857	0.422	ng		99
30) Pyrene	19.513	202	7023	0.333	ng		100
32) Benzo(a)anthracene	21.259	228	5192	0.346	ng		98
33) Chrysene	21.313	228	6439	0.393	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3679	0.345	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.785	276	4989	0.360	ng	#	81
37) Benzo(b)fluoranthene	22.844	252	5429	0.388	ng		97
38) Benzo(k)fluoranthene	22.891	252	5732	0.391	ng		95
39) Benzo(a)pyrene	23.420	252	4579	0.389	ng		98
40) Dibenzo(a,h)anthracene	25.806	278	3809	0.353	ng		97
41) Benzo(g,h,i)perylene	26.475	276	4542	0.368	ng		97

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

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