Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036757.D
Acq On : 28 Mar 2025 03:46
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 05:36:56 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	7.703	152	1974	0.400	ng		-0.02
7) Naphthalene-d8	10.488	136	4607	0.400	ng		-0.02
13) Acenaphthene-d10	14.334	164	2750	0.400	ng		-0.03
19) Phenanthrene-d10	17.087	188	5937	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	5680	0.400	ng		#-0.02
35) Perylene-d12	23.519	264	5140	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1543	0.335	ng		-0.02
5) Phenol-d6	6.872	99	1947	0.343	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1705	0.340	ng		-0.02
11) 2-Methylnaphthalene-d10	12.080	152	2347	0.342	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	507	0.406	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	5537	0.346	ng		-0.03
27) Fluoranthene-d10	19.118	212	6252	0.411	ng		-0.02
31) Terphenyl-d14	19.722	244	4254	0.313	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	873	0.399	ng		97
3) n-Nitrosodimethylamine	3.536	42	1735	0.392	ng		95
6) bis(2-Chloroethyl)ether	7.125	93	2072	0.353	ng		98
9) Naphthalene	10.530	128	4865	0.359	ng		99
10) Hexachlorobutadiene	10.829	225	1140	0.357	ng	#	99
12) 2-Methylnaphthalene	12.157	142	3049	0.354	ng		98
16) Acenaphthylene	14.056	152	4680	0.361	ng		99
17) Acenaphthene	14.398	154	3124	0.368	ng		100
18) Fluorene	15.393	166	4263	0.371	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	472	0.457	ng		83
21) 4-Bromophenyl-phenylether	16.280	248	1382	0.372	ng		91
22) Hexachlorobenzene	16.391	284	1636	0.364	ng		97
23) Atrazine	16.553	200	1154	0.387	ng		97
24) Pentachlorophenol	16.739	266	868	0.424	ng		97
25) Phenanthrene	17.124	178	6866	0.386	ng		100
26) Anthracene	17.223	178	6014	0.374	ng		99
28) Fluoranthene	19.150	202	8476	0.424	ng		99
30) Pyrene	19.513	202	9024	0.325	ng		100
32) Benzo(a)anthracene	21.259	228	7146	0.362	ng		99
33) Chrysene	21.313	228	8272	0.383	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	5431	0.386	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.782	276	7314	0.394	ng		95
37) Benzo(b)fluoranthene	22.841	252	7293	0.390	ng		95
38) Benzo(k)fluoranthene	22.888	252	7751m	0.395	ng		
39) Benzo(a)pyrene	23.420	252	6291	0.399	ng		95
40) Dibenzo(a,h)anthracene	25.803	278	5522	0.382	ng		91
41) Benzo(g,h,i)perylene	26.475	276	6376	0.386	ng		94

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

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