Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036666.D
Acq On : 17 Mar 2025 19:08
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 18 00:55:25 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	7.717	152	1400	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	3548	0.400	ng		-0.01
13) Acenaphthene-d10	14.356	164	2067	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	4004	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	2784	0.400	ng		0.00
35) Perylene-d12	23.549	264	2401	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1336	0.409	ng		0.00
5) Phenol-d6	6.887	99	1589	0.394	ng		-0.01
8) Nitrobenzene-d5	8.865	82	1411	0.366	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	2112	0.400	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	387	0.413	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	4842	0.403	ng		0.00
27) Fluoranthene-d10	19.136	212	4416	0.430	ng		0.00
31) Terphenyl-d14	19.740	244	2760	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	747	0.481	ng		97
3) n-Nitrosodimethylamine	3.550	42	1500	0.477	ng		88
6) bis(2-Chloroethyl)ether	7.139	93	1583	0.380	ng		98
9) Naphthalene	10.552	128	4134	0.396	ng		98
10) Hexachlorobutadiene	10.840	225	1029	0.419	ng	#	98
12) 2-Methylnaphthalene	12.172	142	2633	0.396	ng		95
16) Acenaphthylene	14.078	152	4009	0.411	ng		100
17) Acenaphthene	14.420	154	2697	0.422	ng		99
18) Fluorene	15.403	166	3637	0.421	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	285	0.424	ng		94
21) 4-Bromophenyl-phenylether	16.305	248	1057	0.421	ng	#	83
22) Hexachlorobenzene	16.416	284	1345	0.444	ng		94
23) Atrazine	16.578	200	916	0.455	ng		97
24) Pentachlorophenol	16.764	266	582	0.421	ng		97
25) Phenanthrene	17.136	178	5204	0.433	ng		99
26) Anthracene	17.235	178	4660	0.430	ng		99
28) Fluoranthene	19.164	202	5887	0.436	ng		98
30) Pyrene	19.527	202	5967	0.438	ng		100
32) Benzo(a)anthracene	21.277	228	3762	0.389	ng		99
33) Chrysene	21.331	228	4705	0.445	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3084	0.447	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.826	276	3581	0.413	ng	#	94
37) Benzo(b)fluoranthene	22.870	252	3818m	0.437	ng		
38) Benzo(k)fluoranthene	22.914	252	4020m	0.439	ng		
39) Benzo(a)pyrene	23.449	252	3280	0.446	ng	#	87
40) Dibenzo(a,h)anthracene	25.849	278	2826	0.419	ng		95
41) Benzo(g,h,i)perylene	26.519	276	3263	0.423	ng		99

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

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