Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036668.D
Acq On : 17 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Quant Time: Mar 18 00:55:46 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	1326	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	3375	0.400	ng		-0.01
13) Acenaphthene-d10	14.356	164	1969	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3924	0.400	ng		-0.01
29) Chrysene-d12	21.295	240	2929	0.400	ng		0.00
35) Perylene-d12	23.543	264	2659	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1236	0.400	ng		0.00
5) Phenol-d6	6.887	99	1530	0.401	ng		-0.01
8) Nitrobenzene-d5	8.865	82	1438	0.392	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2025	0.403	ng		-0.02
14) 2,4,6-Tribromophenol	15.845	330	378	0.423	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	4741	0.414	ng		0.00
27) Fluoranthene-d10	19.132	212	4416	0.439	ng		0.00
31) Terphenyl-d14	19.740	244	2835	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	647	0.440	ng		92
3) n-Nitrosodimethylamine	3.550	42	1474	0.495	ng	#	85
6) bis(2-Chloroethyl)ether	7.139	93	1549	0.393	ng		98
9) Naphthalene	10.552	128	4011	0.404	ng		98
10) Hexachlorobutadiene	10.840	225	968	0.414	ng	#	97
12) 2-Methylnaphthalene	12.172	142	2540	0.402	ng		95
16) Acenaphthylene	14.067	152	3862	0.416	ng		99
17) Acenaphthene	14.420	154	2516	0.414	ng		98
18) Fluorene	15.403	166	3484	0.423	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	313	0.458	ng		86
21) 4-Bromophenyl-phenylether	16.305	248	1052	0.428	ng	#	77
22) Hexachlorobenzene	16.416	284	1271	0.428	ng		94
23) Atrazine	16.578	200	865	0.439	ng		95
24) Pentachlorophenol	16.764	266	643	0.475	ng		98
25) Phenanthrene	17.136	178	5152	0.438	ng		100
26) Anthracene	17.235	178	4534	0.427	ng		99
28) Fluoranthene	19.164	202	5895	0.446	ng		99
30) Pyrene	19.527	202	6066	0.424	ng		100
32) Benzo(a)anthracene	21.277	228	4223	0.415	ng		99
33) Chrysene	21.331	228	4938	0.444	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3370	0.465	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.826	276	3878	0.404	ng	#	93
37) Benzo(b)fluoranthene	22.867	252	4455m	0.460	ng		
38) Benzo(k)fluoranthene	22.911	252	4385	0.432	ng		96
39) Benzo(a)pyrene	23.446	252	3730	0.458	ng	#	91
40) Dibenzo(a,h)anthracene	25.844	278	2967	0.397	ng		96
41) Benzo(g,h,i)perylene	26.513	276	3542	0.414	ng		99

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

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