Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037365.D
Acq On : 21 Jun 2025 01:17
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 21 01:41:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	1894	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4150	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	2786	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5748	0.400	ng	#	0.00
29) Chrysene-d12	21.162	240	5140	0.400	ng		0.00
35) Perylene-d12	23.351	264	5682	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1402	0.370	ng		0.00
5) Phenol-d6	6.752	99	1426	0.366	ng		0.00
8) Nitrobenzene-d5	8.717	82	1321	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	11.945	152	2780	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	608	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	4951	0.405	ng		0.00
27) Fluoranthene-d10	19.008	212	6836	0.414	ng		0.00
31) Terphenyl-d14	19.616	244	4639	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	755	0.392	ng		95
3) n-Nitrosodimethylamine	3.422	42	701	0.397	ng	#	78
6) bis(2-Chloroethyl)ether	7.004	93	1274	0.368	ng		100
9) Naphthalene	10.394	128	4308	0.393	ng	#	90
10) Hexachlorobutadiene	10.682	225	1876	0.434	ng	#	100
12) 2-Methylnaphthalene	12.021	142	2941	0.385	ng		93
16) Acenaphthylene	13.935	152	4498	0.384	ng		98
17) Acenaphthene	14.277	154	2949	0.383	ng		98
18) Fluorene	15.272	166	4167	0.385	ng		99
20) 4,6-Dinitro-2-methylph...	15.379	198	483	0.350	ng		85
21) 4-Bromophenyl-phenylether	16.177	248	1621	0.396	ng	#	94
22) Hexachlorobenzene	16.276	284	1819	0.408	ng		99
23) Atrazine	16.450	200	1187	0.364	ng	#	87
24) Pentachlorophenol	16.624	266	805	0.363	ng		96
25) Phenanthrene	17.009	178	6282	0.377	ng		99
26) Anthracene	17.108	178	5522	0.360	ng		99
28) Fluoranthene	19.036	202	8102	0.385	ng		98
30) Pyrene	19.403	202	8105	0.388	ng		100
32) Benzo(a)anthracene	21.153	228	6359	0.376	ng		98
33) Chrysene	21.198	228	8015	0.391	ng		98
34) Bis(2-ethylhexyl)phtha...	21.090	149	2672	0.385	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.535	276	9725	0.382	ng	#	92
37) Benzo(b)fluoranthene	22.696	252	7592m	0.363	ng		
38) Benzo(k)fluoranthene	22.740	252	9018	0.398	ng		94
39) Benzo(a)pyrene	23.255	252	7122	0.380	ng	#	90
40) Dibenzo(a,h)anthracene	25.553	278	7424	0.388	ng	#	85
41) Benzo(g,h,i)perylene	26.199	276	8859	0.389	ng		95

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

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