Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037238.D
Acq On : 13 Jun 2025 22:01
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 13 23:01:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	1131	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2679	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	1397	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2500	0.400	ng		0.00
29) Chrysene-d12	21.171	240	1991	0.400	ng		# 0.00
35) Perylene-d12	23.363	264	2098	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	1102	0.397	ng		0.00
5) Phenol-d6	6.759	99	1116	0.381	ng		0.00
8) Nitrobenzene-d5	8.728	82	1051	0.397	ng		0.00
11) 2-Methylnaphthalene-d10	11.955	152	1530	0.426	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	231	0.398	ng		0.00
15) 2-Fluorobiphenyl	12.848	172	2427	0.413	ng		0.00
27) Fluoranthene-d10	19.012	212	2729	0.417	ng		0.00
31) Terphenyl-d14	19.626	244	1763	0.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	655	0.422	ng		87
3) n-Nitrosodimethylamine	3.422	42	1475	0.417	ng		95
6) bis(2-Chloroethyl)ether	7.012	93	972	0.371	ng		98
9) Naphthalene	10.404	128	3095	0.399	ng		99
10) Hexachlorobutadiene	10.693	225	801	0.424	ng	#	94
12) 2-Methylnaphthalene	12.031	142	1872	0.397	ng		99
16) Acenaphthylene	13.946	152	2661	0.389	ng		99
17) Acenaphthene	14.288	154	1709	0.387	ng		99
18) Fluorene	15.282	166	2157	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.379	198	197	0.417	ng		95
21) 4-Bromophenyl-phenylether	16.177	248	634	0.389	ng		99
22) Hexachlorobenzene	16.289	284	741	0.392	ng		95
23) Atrazine	16.450	200	541	0.372	ng	#	91
24) Pentachlorophenol	16.636	266	348	0.376	ng		98
25) Phenanthrene	17.021	178	3012	0.380	ng		99
26) Anthracene	17.108	178	2710	0.373	ng		99
28) Fluoranthene	19.045	202	3574	0.385	ng		98
30) Pyrene	19.407	202	3580	0.382	ng		99
32) Benzo(a)anthracene	21.162	228	2590	0.385	ng		99
33) Chrysene	21.207	228	3275	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.099	149	1899	0.379	ng		99
36) Indeno(1,2,3-cd)pyrene	25.553	276	3529	0.417	ng		99
37) Benzo(b)fluoranthene	22.708	252	2905	0.379	ng		97
38) Benzo(k)fluoranthene	22.752	252	3315	0.374	ng		98
39) Benzo(a)pyrene	23.266	252	2731	0.396	ng	#	94
40) Dibenzo(a,h)anthracene	25.567	278	2592	0.403	ng		97
41) Benzo(g,h,i)perylene	26.216	276	3206	0.409	ng		99

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

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