Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037224.D
Acq On : 13 Jun 2025 12:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 13 18:46:03 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	7.582	152	933	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	2316	0.400	ng	#	0.00
13) Acenaphthene-d10	14.224	164	1204	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2186	0.400	ng		0.00
29) Chrysene-d12	21.180	240	1779	0.400	ng		0.00
35) Perylene-d12	23.366	264	1846	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	868	0.379	ng		0.00
5) Phenol-d6	6.759	99	853	0.353	ng		0.00
8) Nitrobenzene-d5	8.728	82	855	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	11.955	152	1258	0.405	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	197	0.394	ng		0.00
15) 2-Fluorobiphenyl	12.848	172	2004	0.396	ng		0.00
27) Fluoranthene-d10	19.012	212	2382	0.416	ng		0.00
31) Terphenyl-d14	19.625	244	1553	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	565	0.441	ng		90
3) n-Nitrosodimethylamine	3.422	42	1198	0.411	ng	#	96
6) bis(2-Chloroethyl)ether	7.012	93	870	0.402	ng		87
9) Naphthalene	10.404	128	2668	0.398	ng		99
10) Hexachlorobutadiene	10.693	225	697	0.427	ng	#	99
12) 2-Methylnaphthalene	12.031	142	1551	0.380	ng		98
16) Acenaphthylene	13.946	152	2232	0.378	ng		99
17) Acenaphthene	14.288	154	1471	0.386	ng		97
18) Fluorene	15.282	166	1860	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	168	0.409	ng		89
21) 4-Bromophenyl-phenylether	16.177	248	532	0.373	ng		98
22) Hexachlorobenzene	16.289	284	677	0.410	ng		96
23) Atrazine	16.462	200	464	0.365	ng	#	94
24) Pentachlorophenol	16.636	266	284	0.351	ng		98
25) Phenanthrene	17.021	178	2603	0.375	ng		100
26) Anthracene	17.108	178	2354	0.371	ng		99
28) Fluoranthene	19.045	202	3147	0.388	ng		98
30) Pyrene	19.407	202	3239	0.387	ng		99
32) Benzo(a)anthracene	21.162	228	2193	0.365	ng		98
33) Chrysene	21.215	228	3074	0.411	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1799	0.402	ng		97
36) Indeno(1,2,3-cd)pyrene	25.553	276	2944	0.395	ng		99
37) Benzo(b)fluoranthene	22.711	252	2472	0.366	ng		97
38) Benzo(k)fluoranthene	22.755	252	2937	0.377	ng		95
39) Benzo(a)pyrene	23.269	252	2299	0.378	ng		97
40) Dibenzo(a,h)anthracene	25.576	278	2058	0.363	ng		96
41) Benzo(g,h,i)perylene	26.216	276	2779	0.403	ng		98

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

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