Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
Data File : BN037289.D
Acq On : 16 Jun 2025 13:53
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 16 14:25:47 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	7.568	152	1004	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2564	0.400	ng		-0.01
13) Acenaphthene-d10	14.224	164	1325	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2457	0.400	ng		0.00
29) Chrysene-d12	21.180	240	1850	0.400	ng		0.00
35) Perylene-d12	23.366	264	1831	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	979	0.397	ng		0.00
5) Phenol-d6	6.752	99	1056	0.406	ng		0.00
8) Nitrobenzene-d5	8.717	82	1074	0.424	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	1441	0.419	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	246	0.447	ng		-0.01
15) 2-Fluorobiphenyl	12.843	172	2322	0.417	ng		0.00
27) Fluoranthene-d10	19.012	212	2626	0.409	ng		0.00
31) Terphenyl-d14	19.621	244	1723	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	536	0.389	ng		89
3) n-Nitrosodimethylamine	3.422	42	1384	0.441	ng	#	95
6) bis(2-Chloroethyl)ether	7.004	93	1005	0.432	ng		92
9) Naphthalene	10.394	128	2880	0.388	ng		98
10) Hexachlorobutadiene	10.693	225	758	0.420	ng	#	100
12) 2-Methylnaphthalene	12.026	142	1802	0.399	ng		99
16) Acenaphthylene	13.935	152	2517	0.388	ng		99
17) Acenaphthene	14.288	154	1632	0.389	ng		99
18) Fluorene	15.282	166	2119	0.394	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	232	0.476	ng		93
21) 4-Bromophenyl-phenylether	16.177	248	641	0.400	ng	#	82
22) Hexachlorobenzene	16.289	284	750	0.404	ng		98
23) Atrazine	16.450	200	552	0.387	ng		93
24) Pentachlorophenol	16.636	266	364	0.400	ng		97
25) Phenanthrene	17.009	178	3022	0.388	ng		99
26) Anthracene	17.108	178	2722	0.382	ng		99
28) Fluoranthene	19.045	202	3429	0.376	ng		99
30) Pyrene	19.407	202	3525	0.405	ng		100
32) Benzo(a)anthracene	21.162	228	2410	0.386	ng		98
33) Chrysene	21.215	228	3068	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.108	149	2027	0.436	ng		100
36) Indeno(1,2,3-cd)pyrene	25.552	276	2713	0.367	ng		97
37) Benzo(b)fluoranthene	22.711	252	2629	0.393	ng		99
38) Benzo(k)fluoranthene	22.755	252	2896	0.375	ng		99
39) Benzo(a)pyrene	23.269	252	2331	0.387	ng	#	94
40) Dibenzo(a,h)anthracene	25.570	278	2205	0.393	ng		98
41) Benzo(g,h,i)perylene	26.216	276	2595	0.379	ng		96

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

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