Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037401.D
Acq On : 26 Jun 2025 19:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 27 03:00:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	1482	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	3137	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2167	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	4846	0.400	ng		0.00
29) Chrysene-d12	21.162	240	4925	0.400	ng		0.00
35) Perylene-d12	23.345	264	5418	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1173	0.411	ng		0.00
5) Phenol-d6	6.744	99	1146	0.387	ng		0.00
8) Nitrobenzene-d5	8.717	82	937	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	1846	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	570	0.448	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	3639	0.389	ng		0.00
27) Fluoranthene-d10	19.003	212	5473	0.394	ng		0.00
31) Terphenyl-d14	19.611	244	4221	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	617	0.439	ng		95
3) n-Nitrosodimethylamine	3.415	42	550	0.396	ng	#	95
6) bis(2-Chloroethyl)ether	6.997	93	858	0.326	ng	#	88
9) Naphthalene	10.383	128	3170	0.393	ng		99
10) Hexachlorobutadiene	10.682	225	1361	0.425	ng	#	99
12) 2-Methylnaphthalene	12.016	142	2126	0.382	ng		97
16) Acenaphthylene	13.924	152	3402	0.379	ng		99
17) Acenaphthene	14.277	154	2265	0.386	ng		100
18) Fluorene	15.271	166	3246	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	490	0.394	ng		98
21) 4-Bromophenyl-phenylether	16.165	248	1314	0.384	ng		99
22) Hexachlorobenzene	16.276	284	1458	0.397	ng		98
23) Atrazine	16.450	200	1088	0.402	ng		95
24) Pentachlorophenol	16.624	266	769	0.387	ng		97
25) Phenanthrene	17.009	178	5123	0.375	ng		99
26) Anthracene	17.095	178	4568	0.364	ng		99
28) Fluoranthene	19.031	202	7076	0.406	ng		100
30) Pyrene	19.398	202	7117	0.382	ng		100
32) Benzo(a)anthracene	21.144	228	6231	0.403	ng		100
33) Chrysene	21.198	228	7562	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	2752	0.449	ng		99
36) Indeno(1,2,3-cd)pyrene	25.526	276	8662	0.379	ng		99
37) Benzo(b)fluoranthene	22.693	252	7207	0.377	ng		97
38) Benzo(k)fluoranthene	22.737	252	7998	0.392	ng		99
39) Benzo(a)pyrene	23.254	252	6367	0.375	ng	#	97
40) Dibenzo(a,h)anthracene	25.547	278	6349	0.362	ng		99
41) Benzo(g,h,i)perylene	26.187	276	8103	0.386	ng		98

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

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