Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037774.D
Acq On : 18 Sep 2025 13:16
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 18 13:43:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	7889	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	20894	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	9741	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	18065	0.400	ng		0.00
29) Chrysene-d12	21.420	240	16005	0.400	ng		0.00
35) Perylene-d12	23.753	264	16216	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	7221	0.399	ng		0.00
5) Phenol-d6	6.995	99	9149	0.390	ng		0.00
8) Nitrobenzene-d5	8.993	82	6183	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	10579	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	1232	0.485	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	16033	0.394	ng		0.00
27) Fluoranthene-d10	19.266	212	17138	0.378	ng		0.00
31) Terphenyl-d14	19.866	244	12130	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	3351	0.408	ng		96
3) n-Nitrosodimethylamine	3.615	42	4085	0.381	ng		91
6) bis(2-Chloroethyl)ether	7.262	93	8348	0.398	ng		98
9) Naphthalene	10.701	128	22536	0.395	ng		100
10) Hexachlorobutadiene	11.000	225	4013	0.388	ng	#	99
12) 2-Methylnaphthalene	12.314	142	13704	0.388	ng		99
16) Acenaphthylene	14.206	152	16996	0.380	ng		99
17) Acenaphthene	14.559	154	11822	0.391	ng		99
18) Fluorene	15.535	166	14211	0.388	ng		100
20) 4,6-Dinitro-2-methylph...	15.609	198	668	0.399	ng		89
21) 4-Bromophenyl-phenylether	16.429	248	4506	0.383	ng	#	69
22) Hexachlorobenzene	16.553	284	5415	0.400	ng		98
23) Atrazine	16.702	200	2912	0.389	ng		98
24) Pentachlorophenol	16.888	266	1796	0.457	ng		97
25) Phenanthrene	17.285	178	22453	0.395	ng		100
26) Anthracene	17.372	178	19091	0.379	ng		99
28) Fluoranthene	19.299	202	24335	0.390	ng		100
30) Pyrene	19.657	202	24230	0.387	ng		100
32) Benzo(a)anthracene	21.402	228	21339	0.382	ng		99
33) Chrysene	21.456	228	23785	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.339	149	7017	0.424	ng		98
36) Indeno(1,2,3-cd)pyrene	26.139	276	29869	0.438	ng		100
37) Benzo(b)fluoranthene	23.046	252	24782	0.388	ng		98
38) Benzo(k)fluoranthene	23.092	252	26275	0.404	ng		99
39) Benzo(a)pyrene	23.648	252	19411	0.380	ng		98
40) Dibenzo(a,h)anthracene	26.153	278	24050	0.442	ng		97
41) Benzo(g,h,i)perylene	26.867	276	24546	0.402	ng		98

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

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