Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037618.D
Acq On : 20 Aug 2025 04:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 20 06:13:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2622	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	6166	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	3094	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	6113	0.400	ng	#	0.00
29) Chrysene-d12	21.268	240	5494	0.400	ng		0.00
35) Perylene-d12	23.499	264	5322	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2293	0.386	ng		0.00
5) Phenol-d6	6.879	99	2739	0.383	ng		0.00
8) Nitrobenzene-d5	8.854	82	1733	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	3068	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	541	0.400	ng		0.00
15) 2-Fluorobiphenyl	12.968	172	6948	0.388	ng		0.00
27) Fluoranthene-d10	19.113	212	5813	0.361	ng		0.00
31) Terphenyl-d14	19.717	244	4354	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	996	0.397	ng		97
3) n-Nitrosodimethylamine	3.543	42	1251	0.390	ng		98
6) bis(2-Chloroethyl)ether	7.139	93	2522	0.391	ng		97
9) Naphthalene	10.541	128	6581	0.401	ng		100
10) Hexachlorobutadiene	10.840	225	1692	0.422	ng	#	100
12) 2-Methylnaphthalene	12.162	142	3979	0.386	ng		99
16) Acenaphthylene	14.056	152	5458	0.394	ng		99
17) Acenaphthene	14.409	154	3630	0.385	ng		99
18) Fluorene	15.392	166	4767	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	208	0.368	ng		95
21) 4-Bromophenyl-phenylether	16.280	248	1521	0.396	ng	#	82
22) Hexachlorobenzene	16.404	284	2290	0.420	ng		98
23) Atrazine	16.553	200	941	0.433	ng	#	92
24) Pentachlorophenol	16.739	266	807	0.422	ng		95
25) Phenanthrene	17.124	178	7226	0.389	ng		100
26) Anthracene	17.211	178	6209	0.377	ng		100
28) Fluoranthene	19.146	202	8030	0.376	ng		99
30) Pyrene	19.508	202	8292	0.404	ng		100
32) Benzo(a)anthracene	21.250	228	7217	0.393	ng		99
33) Chrysene	21.304	228	7950	0.389	ng		97
34) Bis(2-ethylhexyl)phtha...	21.196	149	3567	0.471	ng		99
36) Indeno(1,2,3-cd)pyrene	25.756	276	9347	0.417	ng		98
37) Benzo(b)fluoranthene	22.829	252	7542	0.374	ng		100
38) Benzo(k)fluoranthene	22.873	252	8901	0.391	ng		98
39) Benzo(a)pyrene	23.399	252	6340	0.379	ng		98
40) Dibenzo(a,h)anthracene	25.768	278	7121	0.409	ng		99
41) Benzo(g,h,i)perylene	26.440	276	7272	0.397	ng		99

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

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