Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037633.D
Acq On : 20 Aug 2025 16:57
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 21 04:56:18 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	2754	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6418	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	3102	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	6405	0.400	ng	#	0.00
29) Chrysene-d12	21.268	240	5848	0.400	ng	#	0.00
35) Perylene-d12	23.502	264	4933	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2300	0.368	ng		0.00
5) Phenol-d6	6.872	99	2760	0.367	ng		0.00
8) Nitrobenzene-d5	8.854	82	1759	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	3210	0.368	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	558	0.411	ng		0.00
15) 2-Fluorobiphenyl	12.968	172	7213	0.402	ng		-0.01
27) Fluoranthene-d10	19.113	212	6134	0.364	ng		0.00
31) Terphenyl-d14	19.717	244	4414	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1037	0.394	ng		94
3) n-Nitrosodimethylamine	3.543	42	1327	0.394	ng		99
6) bis(2-Chloroethyl)ether	7.132	93	2700	0.399	ng		96
9) Naphthalene	10.541	128	6826	0.399	ng		100
10) Hexachlorobutadiene	10.840	225	1701	0.407	ng	#	99
12) 2-Methylnaphthalene	12.156	142	4074	0.380	ng		100
16) Acenaphthylene	14.056	152	5508	0.396	ng		100
17) Acenaphthene	14.398	154	3711	0.392	ng		100
18) Fluorene	15.392	166	4875	0.394	ng		98
20) 4,6-Dinitro-2-methylph...	15.467	198	234	0.382	ng	#	85
21) 4-Bromophenyl-phenylether	16.280	248	1537	0.382	ng	#	89
22) Hexachlorobenzene	16.391	284	2350	0.412	ng		97
23) Atrazine	16.553	200	954	0.419	ng		92
24) Pentachlorophenol	16.739	266	2004	1.000	ng		97
25) Phenanthrene	17.124	178	7486	0.384	ng		99
26) Anthracene	17.210	178	6431	0.373	ng		100
28) Fluoranthene	19.146	202	8465	0.378	ng		99
30) Pyrene	19.508	202	8139	0.372	ng		100
32) Benzo(a)anthracene	21.250	228	7419	0.380	ng		99
33) Chrysene	21.304	228	8400	0.386	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3443	0.427	ng		99
36) Indeno(1,2,3-cd)pyrene	25.759	276	7685	0.370	ng		99
37) Benzo(b)fluoranthene	22.829	252	7623	0.408	ng		100
38) Benzo(k)fluoranthene	22.876	252	7812	0.370	ng		98
39) Benzo(a)pyrene	23.405	252	5881	0.379	ng		99
40) Dibenzo(a,h)anthracene	25.776	278	5887	0.365	ng		99
41) Benzo(g,h,i)perylene	26.443	276	6965	0.410	ng		100

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

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