Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037147.D
Acq On : 03 Jun 2025 14:02
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 04 01:42:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:40:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	1779	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	4585	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2603	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5057	0.400	ng		0.00
29) Chrysene-d12	21.189	240	3873	0.400	ng		0.00
35) Perylene-d12	23.377	264	3320	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	7371	1.676	ng		0.00
5) Phenol-d6	6.766	99	9203	1.726	ng		0.00
8) Nitrobenzene-d5	8.739	82	8338	1.724	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	10971	1.719	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	1930	1.842	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	18891	1.702	ng		0.00
27) Fluoranthene-d10	19.026	212	22095	1.720	ng		0.00
31) Terphenyl-d14	19.630	244	15589	1.710	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	3745	1.579	ng		97
3) n-Nitrosodimethylamine	3.429	42	8276	1.738	ng	#	97
6) bis(2-Chloroethyl)ether	7.026	93	8706	1.711	ng		98
9) Naphthalene	10.415	128	22289	1.685	ng		97
10) Hexachlorobutadiene	10.714	225	4883	1.694	ng	#	99
12) 2-Methylnaphthalene	12.042	142	14834	1.750	ng		97
16) Acenaphthylene	13.957	152	21986	1.723	ng		100
17) Acenaphthene	14.299	154	14266	1.722	ng		99
18) Fluorene	15.293	166	18976	1.742	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	1819	1.502	ng	#	41
21) 4-Bromophenyl-phenylether	16.189	248	5692	1.717	ng		90
22) Hexachlorobenzene	16.301	284	6093	1.703	ng		99
23) Atrazine	16.463	200	4865	1.778	ng	#	88
24) Pentachlorophenol	16.649	266	2828	1.535	ng		96
25) Phenanthrene	17.021	178	28034	1.711	ng		100
26) Anthracene	17.120	178	26183	1.751	ng		99
28) Fluoranthene	19.054	202	31942	1.765	ng		100
30) Pyrene	19.416	202	31728	1.678	ng		100
32) Benzo(a)anthracene	21.171	228	24513	1.748	ng		99
33) Chrysene	21.224	228	26306	1.685	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	14807	1.674	ng		100
36) Indeno(1,2,3-cd)pyrene	25.573	276	22504	1.704	ng		98
37) Benzo(b)fluoranthene	22.722	252	23418	1.747	ng	#	90
38) Benzo(k)fluoranthene	22.763	252	23602	1.725	ng	#	90
39) Benzo(a)pyrene	23.281	252	19265	1.716	ng	#	86
40) Dibenzo(a,h)anthracene	25.588	278	17700	1.738	ng	#	90
41) Benzo(g,h,i)perylene	26.243	276	19619	1.677	ng		97

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

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