Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037144.D
Acq On : 03 Jun 2025 12:15
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 04 01:41:44 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	2031	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5053	0.400	ng		0.00
13) Acenaphthene-d10	14.234	164	2624	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4950	0.400	ng		0.00
29) Chrysene-d12	21.188	240	3306	0.400	ng		0.00
35) Perylene-d12	23.374	264	3099	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	1033	0.206	ng		0.00
5) Phenol-d6	6.773	99	1162	0.191	ng		0.00
8) Nitrobenzene-d5	8.739	82	967	0.181	ng		0.00
11) 2-Methylnaphthalene-d10	11.970	152	1302	0.185	ng		0.00
14) 2,4,6-Tribromophenol	15.742	330	193	0.183	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	2219	0.198	ng		0.00
27) Fluoranthene-d10	19.026	212	2318	0.184	ng		0.00
31) Terphenyl-d14	19.635	244	1502	0.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	667	0.246	ng		86
3) n-Nitrosodimethylamine	3.444	42	1047	0.193	ng		95
6) bis(2-Chloroethyl)ether	7.026	93	1157	0.199	ng		97
9) Naphthalene	10.415	128	2843	0.195	ng		97
10) Hexachlorobutadiene	10.714	225	630	0.198	ng	#	95
12) 2-Methylnaphthalene	12.046	142	1717	0.184	ng		98
16) Acenaphthylene	13.956	152	2500	0.194	ng		99
17) Acenaphthene	14.299	154	1644	0.197	ng		99
18) Fluorene	15.293	166	2069	0.188	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	97	0.341	ng	#	54
21) 4-Bromophenyl-phenylether	16.189	248	626	0.193	ng		97
22) Hexachlorobenzene	16.301	284	703	0.201	ng		98
23) Atrazine	16.462	200	494	0.184	ng		94
24) Pentachlorophenol	16.673	266	214	0.317	ng		97
25) Phenanthrene	17.033	178	3073	0.192	ng		99
26) Anthracene	17.120	178	2721	0.186	ng		98
28) Fluoranthene	19.054	202	3203	0.181	ng		99
30) Pyrene	19.421	202	3263	0.202	ng		100
32) Benzo(a)anthracene	21.171	228	2259	0.189	ng		95
33) Chrysene	21.215	228	2704	0.203	ng		97
34) Bis(2-ethylhexyl)phtha...	21.108	149	1420	0.188	ng		98
36) Indeno(1,2,3-cd)pyrene	25.570	276	2487	0.202	ng		100
37) Benzo(b)fluoranthene	22.719	252	2355	0.188	ng	#	87
38) Benzo(k)fluoranthene	22.763	252	2425	0.190	ng	#	86
39) Benzo(a)pyrene	23.281	252	1994	0.190	ng	#	81
40) Dibenzo(a,h)anthracene	25.587	278	1809	0.190	ng	#	85
41) Benzo(g,h,i)perylene	26.239	276	2247	0.206	ng	#	91

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

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