Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037140.D
Acq On : 02 Jun 2025 20:35
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060225

Quant Time: Jun 03 05:42:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 05:41:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1927	0.400	ng		0.00
7) Naphthalene-d8	10.383	136	5131	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	3167	0.400	ng		0.00
19) Phenanthrene-d10	16.996	188	6536	0.400	ng		0.00
29) Chrysene-d12	21.189	240	4823	0.400	ng		0.00
35) Perylene-d12	23.383	264	4270	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	1821	0.379	ng		0.00
5) Phenol-d6	6.781	99	2200	0.368	ng		0.00
8) Nitrobenzene-d5	8.749	82	2148	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	11.981	152	2982	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	506	0.340	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	4863	0.371	ng		0.00
27) Fluoranthene-d10	19.031	212	6720	0.380	ng		0.00
31) Terphenyl-d14	19.639	244	4411	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	939	0.362	ng		97
3) n-Nitrosodimethylamine	3.444	42	2046	0.405	ng	#	99
6) bis(2-Chloroethyl)ether	7.033	93	2222	0.411	ng		100
9) Naphthalene	10.426	128	5683	0.385	ng		99
10) Hexachlorobutadiene	10.725	225	1288	0.407	ng	#	98
12) 2-Methylnaphthalene	12.052	142	3589	0.367	ng		99
16) Acenaphthylene	13.967	152	5344	0.347	ng		100
17) Acenaphthene	14.309	154	3629	0.362	ng		99
18) Fluorene	15.304	166	4899	0.356	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	465	0.391	ng	#	78
21) 4-Bromophenyl-phenylether	16.189	248	1558	0.376	ng	#	62
22) Hexachlorobenzene	16.301	284	1748	0.386	ng		98
23) Atrazine	16.475	200	1319	0.352	ng		98
24) Pentachlorophenol	16.649	266	766	0.311	ng		99
25) Phenanthrene	17.034	178	7711	0.365	ng		99
26) Anthracene	17.120	178	6725	0.346	ng		99
28) Fluoranthene	19.059	202	8737	0.350	ng		99
30) Pyrene	19.426	202	8760	0.384	ng		100
32) Benzo(a)anthracene	21.171	228	6260	0.358	ng		99
33) Chrysene	21.224	228	7296	0.375	ng		99
34) Bis(2-ethylhexyl)phtha...	21.117	149	4373	0.350	ng		100
36) Indeno(1,2,3-cd)pyrene	25.585	276	5841	0.373	ng		98
37) Benzo(b)fluoranthene	22.725	252	6369	0.364	ng		97
38) Benzo(k)fluoranthene	22.769	252	6539	0.373	ng		99
39) Benzo(a)pyrene	23.287	252	5310	0.367	ng		97
40) Dibenzo(a,h)anthracene	25.599	278	4371	0.373	ng		99
41) Benzo(g,h,i)perylene	26.254	276	5153	0.368	ng		98

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

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