Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037664.D
Acq On : 04 Sep 2025 19:02
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN090425

Quant Time: Sep 05 07:21:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2826	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	6476	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2826	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	5052	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3970	0.400	ng	# 0.00
35) Perylene-d12	23.496	264	3908	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	2573	0.373	ng	0.00
5) Phenol-d6	6.872	99	3047	0.368	ng	0.00
8) Nitrobenzene-d5	8.843	82	1910	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	3196	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.820	330	494	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	6468	0.409	ng	0.00
27) Fluoranthene-d10	19.109	212	4470	0.355	ng	0.00
31) Terphenyl-d14	19.712	244	3006	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	1138	0.404	ng	98
3) n-Nitrosodimethylamine	3.536	42	1373	0.376	ng	# 97
6) bis(2-Chloroethyl)ether	7.132	93	2733	0.387	ng	99
9) Naphthalene	10.541	128	6920	0.392	ng	99
10) Hexachlorobutadiene	10.840	225	1645	0.406	ng	# 98
12) 2-Methylnaphthalene	12.151	142	4066	0.378	ng	100
16) Acenaphthylene	14.056	152	5118	0.397	ng	98
17) Acenaphthene	14.398	154	3426	0.383	ng	97
18) Fluorene	15.382	166	4115	0.376	ng	100
20) 4,6-Dinitro-2-methylph...	15.457	198	285	0.322	ng	92
21) 4-Bromophenyl-phenylether	16.280	248	1224	0.374	ng	97
22) Hexachlorobenzene	16.391	284	1867	0.411	ng	100
23) Atrazine	16.553	200	726	0.327	ng	94
24) Pentachlorophenol	16.727	266	656	0.314	ng	96
25) Phenanthrene	17.124	178	5933	0.385	ng	100
26) Anthracene	17.211	178	4928	0.362	ng	99
28) Fluoranthene	19.141	202	6137	0.359	ng	99
30) Pyrene	19.503	202	6007	0.394	ng	100
32) Benzo(a)anthracene	21.250	228	5077	0.372	ng	99
33) Chrysene	21.304	228	5803	0.398	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	1811	0.306	ng	98
36) Indeno(1,2,3-cd)pyrene	25.750	276	7151	0.387	ng	99
37) Benzo(b)fluoranthene	22.826	252	5964	0.378	ng	97
38) Benzo(k)fluoranthene	22.870	252	6277	0.379	ng	95
39) Benzo(a)pyrene	23.399	252	4897	0.374	ng	94
40) Dibenzo(a,h)anthracene	25.765	278	5388	0.374	ng	96
41) Benzo(g,h,i)perylene	26.437	276	5919	0.381	ng	99

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

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