Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042825\
Data File : BN036929.D
Acq On : 28 Apr 2025 15:12
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Apr 28 15:34:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:18:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.632	152	2667	0.400	ng		0.00
7) Naphthalene-d8	10.415	136	6741	0.400	ng		0.00
13) Acenaphthene-d10	14.277	164	4034	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	7924	0.400	ng		0.00
29) Chrysene-d12	21.215	240	7034	0.400	ng		0.00
35) Perylene-d12	23.427	264	5350	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	32346	4.701	ng		0.00
5) Phenol-d6	6.802	99	42419	5.060	ng		0.00
8) Nitrobenzene-d5	8.781	82	36759	5.249	ng		0.00
11) 2-Methylnaphthalene-d10	12.006	152	49610	5.308	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	9898	5.599	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	97228	4.984	ng		0.00
27) Fluoranthene-d10	19.058	212	110482	5.447	ng		0.00
31) Terphenyl-d14	19.662	244	78873	4.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.147	88	15494	4.610	ng		96
3) n-Nitrosodimethylamine	3.458	42	30605	4.705	ng	#	98
6) bis(2-Chloroethyl)ether	7.062	93	38731	4.973	ng		99
9) Naphthalene	10.457	128	98160	5.004	ng		98
10) Hexachlorobutadiene	10.756	225	20245	4.733	ng	#	98
12) 2-Methylnaphthalene	12.082	142	67281	5.359	ng		98
16) Acenaphthylene	13.988	152	104172	5.334	ng		100
17) Acenaphthene	14.341	154	65801	5.093	ng		98
18) Fluorene	15.325	166	88362	5.254	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	13303	6.700	ng	#	52
21) 4-Bromophenyl-phenylether	16.226	248	26778	5.074	ng		94
22) Hexachlorobenzene	16.338	284	27944	4.793	ng		99
23) Atrazine	16.499	200	24525	5.893	ng	#	91
24) Pentachlorophenol	16.673	266	17963	5.937	ng		99
25) Phenanthrene	17.058	178	133437	5.119	ng		99
26) Anthracene	17.157	178	128680	5.520	ng		100
28) Fluoranthene	19.091	202	159754	5.533	ng		99
30) Pyrene	19.453	202	160324	4.691	ng		100
32) Benzo(a)anthracene	21.206	228	137209	5.349	ng		98
33) Chrysene	21.251	228	135038	4.807	ng		98
34) Bis(2-ethylhexyl)phtha...	21.143	149	76115	5.194	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.649	276	107583	4.911	ng		97
37) Benzo(b)fluoranthene	22.766	252	122058	5.504	ng	#	89
38) Benzo(k)fluoranthene	22.810	252	119359	5.325	ng	#	87
39) Benzo(a)pyrene	23.333	252	98753	5.402	ng	#	82
40) Dibenzo(a,h)anthracene	25.660	278	84789	4.920	ng	#	91
41) Benzo(g,h,i)perylene	26.324	276	89523	4.643	ng		99

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

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