Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037004.D
Acq On : 13 May 2025 20:41
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 14 11:01:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 10:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	1639	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	4315	0.400	ng		0.00
13) Acenaphthene-d10	14.267	164	2482	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	4870	0.400	ng		0.00
29) Chrysene-d12	21.207	240	5021	0.400	ng		0.00
35) Perylene-d12	23.415	264	4705	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	12639	2.943	ng		0.00
5) Phenol-d6	6.795	99	16506	3.072	ng		0.00
8) Nitrobenzene-d5	8.760	82	14709	3.131	ng		-0.01
11) 2-Methylnaphthalene-d10	11.996	152	19801	3.260	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	3482	3.194	ng		0.00
15) 2-Fluorobiphenyl	12.883	172	33203	2.921	ng		0.00
27) Fluoranthene-d10	19.049	212	45238	3.388	ng		0.00
31) Terphenyl-d14	19.658	244	32768	3.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	6127	3.046	ng		98
3) n-Nitrosodimethylamine	3.444	42	12673	2.933	ng	#	94
6) bis(2-Chloroethyl)ether	7.048	93	15315	3.097	ng		99
9) Naphthalene	10.447	128	39782	3.120	ng		96
10) Hexachlorobutadiene	10.735	225	8153	3.046	ng	#	100
12) 2-Methylnaphthalene	12.072	142	26589	3.242	ng		97
16) Acenaphthylene	13.978	152	39649	3.282	ng		100
17) Acenaphthene	14.331	154	25773	3.265	ng		98
18) Fluorene	15.314	166	34177	3.300	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	4002	3.111	ng	#	70
21) 4-Bromophenyl-phenylether	16.214	248	10166	3.305	ng		92
22) Hexachlorobenzene	16.326	284	10501	3.189	ng		98
23) Atrazine	16.487	200	9103	3.393	ng	#	90
24) Pentachlorophenol	16.674	266	6329	3.460	ng		98
25) Phenanthrene	17.058	178	52084	3.272	ng		100
26) Anthracene	17.145	178	49070	3.388	ng		100
28) Fluoranthene	19.082	202	65127	3.426	ng		99
30) Pyrene	19.444	202	65923	3.069	ng		100
32) Benzo(a)anthracene	21.198	228	61105	3.232	ng		99
33) Chrysene	21.242	228	62672	3.134	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	36266	3.113	ng		99
36) Indeno(1,2,3-cd)pyrene	25.631	276	65193	3.393	ng		98
37) Benzo(b)fluoranthene	22.755	252	63928	3.277	ng	#	89
38) Benzo(k)fluoranthene	22.798	252	62537	3.245	ng	#	91
39) Benzo(a)pyrene	23.319	252	54366	3.284	ng	#	81
40) Dibenzo(a,h)anthracene	25.643	278	51783	3.460	ng	#	91
41) Benzo(g,h,i)perylene	26.304	276	54177	3.331	ng		97

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

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