Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030275.D
Acq On : 05 Mar 2024 16:59
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN030524

Quant Time: Mar 05 18:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1845	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	4554	0.400	ng		0.00
13) Acenaphthene-d10	14.458	164	2267	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4450	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3754	0.400	ng		0.00
35) Perylene-d12	23.803	264	4199	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1793	0.370	ng		0.00
5) Phenol-d6	6.981	99	1758	0.345	ng		0.00
8) Nitrobenzene-d5	8.971	82	1596	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.201	152	2485	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.965	330	384	0.329	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	3688	0.392	ng		0.00
27) Fluoranthene-d10	19.262	212	4585	0.375	ng		0.00
31) Terphenyl-d14	19.880	244	3958	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	888	0.371	ng		95
3) n-Nitrosodimethylamine	3.658	42	882	0.349	ng	#	97
6) bis(2-Chloroethyl)ether	7.248	93	1502	0.372	ng		98
9) Naphthalene	10.648	128	4694	0.369	ng		100
10) Hexachlorobutadiene	10.925	225	1023	0.352	ng	#	100
12) 2-Methylnaphthalene	12.276	142	2867	0.365	ng		97
16) Acenaphthylene	14.180	152	4230	0.387	ng		99
17) Acenaphthene	14.522	154	2567	0.364	ng		100
18) Fluorene	15.505	166	2940	0.346	ng		97
20) 4,6-Dinitro-2-methylph...	15.617	198	305	0.330	ng		96
21) 4-Bromophenyl-phenylether	16.411	248	972	0.357	ng		97
22) Hexachlorobenzene	16.511	284	1174	0.373	ng		99
23) Atrazine	16.697	200	879	0.365	ng		99
24) Pentachlorophenol	16.871	266	520	0.317	ng	#	88
25) Phenanthrene	17.255	178	4786	0.376	ng		99
26) Anthracene	17.355	178	4355	0.372	ng		98
28) Fluoranthene	19.294	202	5526	0.356	ng		99
30) Pyrene	19.661	202	5732	0.364	ng		99
32) Benzo(a)anthracene	21.429	228	4908	0.373	ng		99
33) Chrysene	21.483	228	5369	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.376	149	3547	0.338	ng		97
36) Indeno(1,2,3-cd)pyrene	26.227	276	6452	0.367	ng		100
37) Benzo(b)fluoranthene	23.087	252	5106	0.348	ng		100
38) Benzo(k)fluoranthene	23.134	252	5339	0.358	ng		100
39) Benzo(a)pyrene	23.698	252	4813	0.371	ng		99
40) Dibenzo(a,h)anthracene	26.253	278	4759	0.344	ng		98
41) Benzo(g,h,i)perylene	26.964	276	5395	0.338	ng		98

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

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