Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030853.D
Acq On : 11 Apr 2024 21:55
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Quant Time: Apr 12 01:12:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:10:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6116	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	18670	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	11190	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	26742	0.400	ng		0.00
29) Chrysene-d12	21.258	240	21121	0.400	ng		0.00
35) Perylene-d12	23.486	264	16996	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5529	0.384	ng		0.00
5) Phenol-d6	6.844	99	6532	0.362	ng		0.00
8) Nitrobenzene-d5	8.819	82	5478	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	12008	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	1612	0.330	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	16958	0.428	ng		0.00
27) Fluoranthene-d10	19.098	212	28882	0.399	ng		0.00
31) Terphenyl-d14	19.702	244	24296	0.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2936	0.424	ng		96
3) n-Nitrosodimethylamine	3.529	42	2804	0.396	ng		98
6) bis(2-Chloroethyl)ether	7.104	93	6859	0.400	ng		99
9) Naphthalene	10.506	128	20708	0.400	ng		100
10) Hexachlorobutadiene	10.784	225	4007	0.388	ng	#	99
12) 2-Methylnaphthalene	12.122	142	13959	0.398	ng		100
16) Acenaphthylene	14.028	152	21150	0.416	ng		100
17) Acenaphthene	14.370	154	13776	0.397	ng		100
18) Fluorene	15.364	166	18375	0.396	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	867	0.396	ng		88
21) 4-Bromophenyl-phenylether	16.258	248	6154	0.386	ng		99
22) Hexachlorobenzene	16.358	284	7295	0.393	ng		100
23) Atrazine	16.531	200	4196	0.358	ng		99
24) Pentachlorophenol	16.718	266	1796	0.394	ng		88
25) Phenanthrene	17.102	178	32027	0.408	ng		100
26) Anthracene	17.189	178	26198	0.391	ng		99
28) Fluoranthene	19.131	202	36025	0.384	ng		100
30) Pyrene	19.493	202	36004	0.396	ng		100
32) Benzo(a)anthracene	21.240	228	29475	0.393	ng		98
33) Chrysene	21.294	228	32357	0.412	ng		99
34) Bis(2-ethylhexyl)phtha...	21.177	149	12549	0.325	ng		100
36) Indeno(1,2,3-cd)pyrene	25.735	276	27519	0.409	ng		100
37) Benzo(b)fluoranthene	22.814	252	28762	0.401	ng		99
38) Benzo(k)fluoranthene	22.861	252	28573	0.416	ng		99
39) Benzo(a)pyrene	23.390	252	23868	0.406	ng		96
40) Dibenzo(a,h)anthracene	25.752	278	21648	0.405	ng		98
41) Benzo(g,h,i)perylene	26.419	276	22661	0.390	ng		100

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

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