Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033751.D
Acq On : 04 Sep 2024 14:06
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 04 18:04:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	5708	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	14601	0.400	ng		0.00
13) Acenaphthene-d10	14.157	164	6775	0.400	ng		0.00
19) Phenanthrene-d10	16.904	188	12906	0.400	ng		0.00
29) Chrysene-d12	21.112	240	9964	0.400	ng		0.00
35) Perylene-d12	23.271	264	10451	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	3566	0.204	ng		0.00
5) Phenol-d6	6.707	99	4140	0.200	ng		0.00
8) Nitrobenzene-d5	8.649	82	2459	0.198	ng		0.00
11) 2-Methylnaphthalene-d10	11.873	152	3997	0.194	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	658	0.192	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	5579	0.198	ng		0.00
27) Fluoranthene-d10	18.947	212	6098	0.192	ng		0.00
31) Terphenyl-d14	19.560	244	4106	0.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	1320	0.203	ng		97
3) n-Nitrosodimethylamine	3.464	42	1419	0.186	ng		96
6) bis(2-Chloroethyl)ether	6.960	93	3098	0.198	ng		100
9) Naphthalene	10.325	128	7618	0.195	ng		98
10) Hexachlorobutadiene	10.624	225	1619	0.199	ng	#	100
12) 2-Methylnaphthalene	11.949	142	4622	0.193	ng		99
16) Acenaphthylene	13.868	152	5429	0.185	ng		99
17) Acenaphthene	14.210	154	3873	0.193	ng		100
18) Fluorene	15.204	166	4720	0.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.301	198	347	0.170	ng	#	81
21) 4-Bromophenyl-phenylether	16.110	248	1442	0.193	ng		99
22) Hexachlorobenzene	16.222	284	1677	0.196	ng		98
23) Atrazine	16.396	200	1129	0.189	ng		98
24) Pentachlorophenol	16.569	266	616	0.176	ng		97
25) Phenanthrene	16.942	178	6775	0.191	ng		99
26) Anthracene	17.041	178	5733	0.185	ng		99
28) Fluoranthene	18.980	202	7423	0.186	ng		99
30) Pyrene	19.342	202	7791	0.194	ng		100
32) Benzo(a)anthracene	21.104	228	6696	0.188	ng		99
33) Chrysene	21.148	228	6671	0.190	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	4198	0.216	ng		99
36) Indeno(1,2,3-cd)pyrene	25.399	276	8195	0.190	ng		97
37) Benzo(b)fluoranthene	22.633	252	7173	0.187	ng	#	87
38) Benzo(k)fluoranthene	22.674	252	6973	0.186	ng	#	85
39) Benzo(a)pyrene	23.177	252	5909	0.184	ng	#	84
40) Dibenzo(a,h)anthracene	25.420	278	6424	0.186	ng		94
41) Benzo(g,h,i)perylene	26.048	276	7116	0.190	ng		97

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

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