Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101524\
Data File : BN034593.D
Acq On : 15 Oct 2024 17:49
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 16 00:02:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 23:53:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	5642	0.400	ng		0.00
7) Naphthalene-d8	10.447	136	16309	0.400	ng		0.00
13) Acenaphthene-d10	14.297	164	8250	0.400	ng		0.00
19) Phenanthrene-d10	17.044	188	17255	0.400	ng		0.00
29) Chrysene-d12	21.232	240	14524	0.400	ng		0.00
35) Perylene-d12	23.443	264	16985	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.278	112	3914	0.251	ng		0.00
5) Phenol-d6	6.838	99	4861	0.231	ng		0.00
8) Nitrobenzene-d5	8.803	82	2578	0.210	ng		0.00
11) 2-Methylnaphthalene-d10	12.041	152	4677	0.186	ng		0.00
14) 2,4,6-Tribromophenol	15.790	330	809	0.191	ng		0.00
15) 2-Fluorobiphenyl	12.928	172	6232	0.184	ng		0.00
27) Fluoranthene-d10	19.075	212	8646	0.187	ng		0.00
31) Terphenyl-d14	19.689	244	5718	0.208	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	1379	0.220	ng		96
3) n-Nitrosodimethylamine	3.545	42	1479	0.183	ng	#	84
6) bis(2-Chloroethyl)ether	7.105	93	3297	0.193	ng		97
9) Naphthalene	10.490	128	8690	0.193	ng	#	92
10) Hexachlorobutadiene	10.799	225	1512	0.176	ng	#	100
12) 2-Methylnaphthalene	12.113	142	5529	0.182	ng		95
16) Acenaphthylene	14.019	152	8039	0.209	ng		99
17) Acenaphthene	14.361	154	4931	0.187	ng		97
18) Fluorene	15.355	166	6180	0.177	ng		99
20) 4,6-Dinitro-2-methylph...	15.419	198	226	0.108	ng	#	29
21) 4-Bromophenyl-phenylether	16.250	248	1831	0.177	ng		96
22) Hexachlorobenzene	16.349	284	2122	0.183	ng		99
23) Atrazine	16.523	200	1721	0.210	ng		97
24) Pentachlorophenol	16.697	266	843	0.180	ng		97
25) Phenanthrene	17.081	178	9012	0.181	ng		98
26) Anthracene	17.168	178	8941	0.203	ng		99
28) Fluoranthene	19.108	202	10692	0.174	ng		100
30) Pyrene	19.466	202	11241	0.194	ng		100
32) Benzo(a)anthracene	21.214	228	10357	0.191	ng		100
33) Chrysene	21.268	228	9880	0.181	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	7211	0.292	ng		99
36) Indeno(1,2,3-cd)pyrene	25.668	276	12523	0.178	ng		99
37) Benzo(b)fluoranthene	22.782	252	10904	0.171	ng	#	92
38) Benzo(k)fluoranthene	22.829	252	10712	0.164	ng	#	92
39) Benzo(a)pyrene	23.347	252	9771	0.181	ng	#	90
40) Dibenzo(a,h)anthracene	25.691	278	10102	0.182	ng		93
41) Benzo(g,h,i)perylene	26.335	276	10783	0.175	ng	#	91

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

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