Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034685.D
Acq On : 24 Oct 2024 09:47
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 24 12:42:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 12:41:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.712	152	5856	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	17008	0.400	ng		0.00
13) Acenaphthene-d10	14.329	164	8253	0.400	ng		0.00
19) Phenanthrene-d10	17.069	188	17136	0.400	ng		0.00
29) Chrysene-d12	21.250	240	10548	0.400	ng		0.00
35) Perylene-d12	23.467	264	9753	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.322	112	3519	0.196	ng		0.00
5) Phenol-d6	6.882	99	4551	0.199	ng		0.00
8) Nitrobenzene-d5	8.845	82	2747	0.195	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	4541	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.815	330	486	0.139	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	6506	0.200	ng		0.00
27) Fluoranthene-d10	19.094	212	7583	0.181	ng		0.00
31) Terphenyl-d14	19.703	244	4203	0.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	1652	0.232	ng		93
3) n-Nitrosodimethylamine	3.588	42	2242	0.260	ng	#	97
6) bis(2-Chloroethyl)ether	7.142	93	3752	0.214	ng		100
9) Naphthalene	10.532	128	9353	0.199	ng		98
10) Hexachlorobutadiene	10.831	225	1441	0.192	ng	#	97
12) 2-Methylnaphthalene	12.147	142	5699	0.192	ng		99
16) Acenaphthylene	14.040	152	7676	0.194	ng		99
17) Acenaphthene	14.393	154	5306	0.196	ng		98
18) Fluorene	15.377	166	6638	0.197	ng		99
20) 4,6-Dinitro-2-methylph...	15.452	198	410	0.175	ng	#	58
21) 4-Bromophenyl-phenylether	16.275	248	1806	0.193	ng		99
22) Hexachlorobenzene	16.374	284	2002	0.192	ng		99
23) Atrazine	16.548	200	1350	0.165	ng		94
24) Pentachlorophenol	16.721	266	558	0.137	ng		98
25) Phenanthrene	17.106	178	10352	0.203	ng		100
26) Anthracene	17.193	178	8939	0.196	ng		99
28) Fluoranthene	19.127	202	10471	0.183	ng		100
30) Pyrene	19.484	202	10731	0.228	ng		100
32) Benzo(a)anthracene	21.232	228	7621	0.190	ng		99
33) Chrysene	21.286	228	8267	0.208	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4110	0.150	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.700	276	7054	0.188	ng		98
37) Benzo(b)fluoranthene	22.803	252	7395	0.210	ng	#	88
38) Benzo(k)fluoranthene	22.847	252	7269	0.211	ng	#	89
39) Benzo(a)pyrene	23.370	252	5791	0.193	ng	#	84
40) Dibenzo(a,h)anthracene	25.715	278	5556	0.188	ng		91
41) Benzo(g,h,i)perylene	26.367	276	6274	0.193	ng		97

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

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