Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034033.D
Acq On : 18 Sep 2024 11:53
Operator : JU/RC
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 18 16:13:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	7282	0.400	ng	0.00
7) Naphthalene-d8	10.197	136	20881	0.400	ng	0.00
13) Acenaphthene-d10	14.082	164	11814	0.400	ng	0.00
19) Phenanthrene-d10	16.842	188	26716	0.400	ng	0.00
29) Chrysene-d12	21.068	240	20245	0.400	ng	# 0.00
35) Perylene-d12	23.189	264	20942	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.075	112	2186	0.106	ng	0.00
5) Phenol-d6	6.635	99	2255	0.094	ng	0.00
8) Nitrobenzene-d5	8.574	82	1408	0.088	ng	0.00
11) 2-Methylnaphthalene-d10	11.794	152	2963	0.096	ng	0.00
14) 2,4,6-Tribromophenol	15.589	330	477	0.089	ng	0.00
15) 2-Fluorobiphenyl	12.703	172	4812	0.100	ng	0.00
27) Fluoranthene-d10	18.887	212	6448	0.096	ng	0.00
31) Terphenyl-d14	19.504	244	4102	0.101	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.082	88	1016	0.112	ng	# 75
3) n-Nitrosodimethylamine	3.385	42	967	0.093	ng	# 87
6) bis(2-Chloroethyl)ether	6.880	93	2104	0.099	ng	99
9) Naphthalene	10.240	128	5699	0.099	ng	97
10) Hexachlorobutadiene	10.539	225	1128	0.104	ng	# 100
12) 2-Methylnaphthalene	11.869	142	3549	0.095	ng	98
16) Acenaphthylene	13.793	152	4519	0.089	ng	99
17) Acenaphthene	14.146	154	3563	0.098	ng	99
18) Fluorene	15.140	166	4672	0.098	ng	100
21) 4-Bromophenyl-phenylether	16.048	248	1455	0.097	ng	97
22) Hexachlorobenzene	16.147	284	1671	0.099	ng	100
23) Atrazine	16.334	200	1169	0.094	ng	95
24) Pentachlorophenol	16.495	266	518	0.093	ng	96
25) Phenanthrene	16.880	178	7703	0.100	ng	99
26) Anthracene	16.967	178	5457	0.087	ng	99
28) Fluoranthene	18.915	202	8339	0.094	ng	99
30) Pyrene	19.282	202	8705	0.102	ng	100
32) Benzo(a)anthracene	21.050	228	6208	0.097	ng	98
33) Chrysene	21.104	228	7525	0.098	ng	98
36) Indeno(1,2,3-cd)pyrene	25.282	276	8343	0.093	ng	99
37) Benzo(b)fluoranthene	22.566	252	7469	0.091	ng	# 77
38) Benzo(k)fluoranthene	22.607	252	7926	0.092	ng	# 80
39) Benzo(a)pyrene	23.098	252	6111	0.091	ng	# 67
40) Dibenzo(a,h)anthracene	25.297	278	6343	0.091	ng	# 86
41) Benzo(g,h,i)perylene	25.911	276	7573	0.097	ng	95

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

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