Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032558.D
Acq On : 08 Jul 2024 19:51
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 02:33:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:30:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	3573	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	11733	0.400	ng	0.01
13) Acenaphthene-d10	14.242	164	8444	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	19250	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	16543	0.400	ng	# 0.00
35) Perylene-d12	23.426	264	16617	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1826	0.202	ng	0.00
5) Phenol-d6	6.837	99	2290m	0.199	ng	0.01
8) Nitrobenzene-d5	8.830	82	1669m	0.200	ng	0.03
11) 2-Methylnaphthalene-d10	12.002	152	3725	0.201	ng	0.02
14) 2,4,6-Tribromophenol	15.775	330	686	0.179	ng	0.01
15) 2-Fluorobiphenyl	12.884	172	5803	0.186	ng	0.02
27) Fluoranthene-d10	19.045	212	9815	0.196	ng	0.00
31) Terphenyl-d14	19.653	244	8118	0.201	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1076	0.229	ng	# 93
3) n-Nitrosodimethylamine	3.493	42	660	0.193	ng	# 91
6) bis(2-Chloroethyl)ether	7.054	93	1125	0.198	ng	91
9) Naphthalene	10.442	128	6394	0.200	ng	# 94
10) Hexachlorobutadiene	10.667	225	1357	0.213	ng	# 99
12) 2-Methylnaphthalene	12.081	142	4263	0.199	ng	97
16) Acenaphthylene	13.964	152	6784	0.186	ng	100
17) Acenaphthene	14.306	154	4987	0.197	ng	98
18) Fluorene	15.311	166	6583	0.199	ng	100
20) 4,6-Dinitro-2-methylph...	15.527	198	205m	0.273	ng	
21) 4-Bromophenyl-phenylether	16.209	248	2271	0.199	ng	97
22) Hexachlorobenzene	16.296	284	2506	0.199	ng	99
23) Atrazine	16.482	200	1764	0.198	ng	# 96
24) Pentachlorophenol	16.706	266	642	0.280	ng	98
25) Phenanthrene	17.053	178	9977	0.191	ng	99
26) Anthracene	17.153	178	6848	0.163	ng	99
28) Fluoranthene	19.077	202	12612	0.200	ng	99
30) Pyrene	19.444	202	13614	0.202	ng	99
32) Benzo(a)anthracene	21.202	228	10466	0.191	ng	98
33) Chrysene	21.256	228	13753	0.212	ng	99
34) Bis(2-ethylhexyl)phtha...	21.104	149	7613	0.205	ng	98
36) Indeno(1,2,3-cd)pyrene	25.677	276	11853	0.187	ng	100
37) Benzo(b)fluoranthene	22.765	252	10609	0.192	ng	# 86
38) Benzo(k)fluoranthene	22.809	252	13620	0.213	ng	# 84
39) Benzo(a)pyrene	23.344	252	10458	0.200	ng	# 78
40) Dibenzo(a,h)anthracene	25.691	278	9320	0.185	ng	# 85
41) Benzo(g,h,i)perylene	26.358	276	10416	0.190	ng	95

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

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