Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033246.D
Acq On : 05 Aug 2024 21:44
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 23:46:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:33:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.467	152	1074	0.400	ng	-0.04
7) Naphthalene-d8	10.223	136	3651	0.400	ng	#-0.10
13) Acenaphthene-d10	14.101	164	2462	0.400	ng	-0.03
19) Phenanthrene-d10	16.877	188	5464	0.400	ng	-0.04
29) Chrysene-d12	21.104	240	6857	0.400	ng	-0.02
35) Perylene-d12	23.277	264	7602	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	7433	2.775	ng	-0.13
5) Phenol-d6	6.730	99	11644m	3.196	ng	-0.26
8) Nitrobenzene-d5	8.685	82	9901m	3.347	ng	-0.23
11) 2-Methylnaphthalene-d10	11.833	152	17432	3.186	ng	-0.09
14) 2,4,6-Tribromophenol	15.649	330	2933	3.210	ng	-0.07
15) 2-Fluorobiphenyl	12.722	172	26958m	3.194	ng	-0.08
27) Fluoranthene-d10	18.920	212	47966	3.137	ng	-0.03
31) Terphenyl-d14	19.529	244	33788	2.853	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	4007	3.152	ng	# 93
3) n-Nitrosodimethylamine	3.401	42	4335	3.310	ng	# 90
6) bis(2-Chloroethyl)ether	6.932	93	8783m	2.594	ng	
9) Naphthalene	10.276	128	30861	3.110	ng	# 85
10) Hexachlorobutadiene	10.500	225	5329m	2.890	ng	
12) 2-Methylnaphthalene	11.909	142	20455	3.469	ng	93
16) Acenaphthylene	13.823	152	32994	3.358	ng	99
17) Acenaphthene	14.165	154	22394	3.159	ng	99
18) Fluorene	15.170	166	30658	3.195	ng	100
20) 4,6-Dinitro-2-methylph...	15.405	198	2747m	2.879	ng	
21) 4-Bromophenyl-phenylether	16.058	248	8860	3.056	ng	# 87
22) Hexachlorobenzene	16.170	284	9244	3.054	ng	99
23) Atrazine	16.369	200	8527	3.123	ng	# 86
24) Pentachlorophenol	16.567	266	3558	3.514	ng	99
25) Phenanthrene	16.915	178	46851	3.187	ng	99
26) Anthracene	17.014	178	42404	3.442	ng	# 87
28) Fluoranthene	18.953	202	62522	3.101	ng	99
30) Pyrene	19.324	202	66137	2.760	ng	100
32) Benzo(a)anthracene	21.086	228	61499	3.114	ng	98
33) Chrysene	21.140	228	74187	2.797	ng	98
34) Bis(2-ethylhexyl)phtha...	21.006	149	2121	0.447	ng	# 91
36) Indeno(1,2,3-cd)pyrene	25.423	276	114493	3.332	ng	98
37) Benzo(b)fluoranthene	22.617	252	77111	3.345	ng	# 86
38) Benzo(k)fluoranthene	22.660	252	89451	3.080	ng	# 86
39) Benzo(a)pyrene	23.181	252	75145	3.245	ng	# 78
40) Dibenzo(a,h)anthracene	25.423	278	91538	3.373	ng	# 89
41) Benzo(g,h,i)perylene	26.096	276	100615	3.235	ng	95

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

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