Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN029993.D
Acq On : 24 Feb 2024 15:31
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Feb 26 02:42:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4707	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12580	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	6219	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	12870	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9739	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	9109	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4781	0.423	ng	0.00
5) Phenol-d6	7.024	99	5171	0.396	ng	0.00
8) Nitrobenzene-d5	9.014	82	4266	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	7122	0.416	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	915	0.459	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10047	0.376	ng	0.00
27) Fluoranthene-d10	19.289	212	12718	0.408	ng	0.00
31) Terphenyl-d14	19.898	244	12255	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2492	0.376	ng	97
3) n-Nitrosodimethylamine	3.687	42	2230	0.413	ng	# 89
6) bis(2-Chloroethyl)ether	7.291	93	5177	0.416	ng	98
9) Naphthalene	10.701	128	14207	0.396	ng	100
10) Hexachlorobutadiene	10.979	225	2842	0.418	ng	# 99
12) 2-Methylnaphthalene	12.318	142	8509	0.404	ng	99
16) Acenaphthylene	14.212	152	10537	0.357	ng	99
17) Acenaphthene	14.554	154	7635	0.385	ng	99
18) Fluorene	15.542	166	9564	0.385	ng	100
20) 4,6-Dinitro-2-methylph...	15.654	198	571	0.302	ng	93
21) 4-Bromophenyl-phenylether	16.448	248	2971m	0.388	ng	
22) Hexachlorobenzene	16.548	284	3789	0.403	ng	94
23) Atrazine	16.734	200	2245	0.412	ng	97
24) Pentachlorophenol	16.908	266	1209	0.406	ng	97
25) Phenanthrene	17.293	178	14137	0.371	ng	99
26) Anthracene	17.392	178	11861	0.366	ng	99
28) Fluoranthene	19.317	202	16567	0.387	ng	99
30) Pyrene	19.684	202	16786	0.374	ng	100
32) Benzo(a)anthracene	21.438	228	13185	0.396	ng	99
33) Chrysene	21.492	228	18111	0.479	ng	98
34) Bis(2-ethylhexyl)phtha...	21.384	149	8793	0.388	ng	99
36) Indeno(1,2,3-cd)pyrene	26.268	276	18083	0.494	ng	# 81
37) Benzo(b)fluoranthene	23.098	252	16840	0.517	ng	96
38) Benzo(k)fluoranthene	23.148	252	17374	0.509	ng	98
39) Benzo(a)pyrene	23.715	252	12158	0.428	ng	97
40) Dibenzo(a,h)anthracene	26.303	278	14628	0.502	ng	97
41) Benzo(g,h,i)perylene	27.007	276	17335	0.488	ng	98

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

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