Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030087.D
Acq On : 27 Feb 2024 09:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 00:18:06 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3958	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10582	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4871	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	10172	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	8187	0.400	ng	0.00
35) Perylene-d12	23.812	264	8068	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4021	0.423	ng	0.00
5) Phenol-d6	7.024	99	4295	0.392	ng	0.00
8) Nitrobenzene-d5	9.014	82	3564	0.405	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	5510	0.382	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	670	0.429	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	7689	0.368	ng	0.00
27) Fluoranthene-d10	19.285	212	10703	0.434	ng	0.00
31) Terphenyl-d14	19.893	244	7660	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2148	0.385	ng	91
3) n-Nitrosodimethylamine	3.694	42	2053	0.452	ng	# 92
6) bis(2-Chloroethyl)ether	7.291	93	4303	0.411	ng	100
9) Naphthalene	10.690	128	11926	0.396	ng	99
10) Hexachlorobutadiene	10.968	225	2422	0.424	ng	# 98
12) 2-Methylnaphthalene	12.318	142	6738	0.381	ng	99
16) Acenaphthylene	14.212	152	8151	0.352	ng	99
17) Acenaphthene	14.554	154	6145	0.396	ng	98
18) Fluorene	15.542	166	7351	0.377	ng	99
20) 4,6-Dinitro-2-methylph...	15.654	198	398	0.266	ng	# 77
21) 4-Bromophenyl-phenylether	16.448	248	2258m	0.373	ng	
22) Hexachlorobenzene	16.548	284	2967	0.400	ng	93
23) Atrazine	16.734	200	1659	0.385	ng	99
24) Pentachlorophenol	16.895	266	1012	0.430	ng	98
25) Phenanthrene	17.293	178	11212	0.373	ng	100
26) Anthracene	17.379	178	9264	0.361	ng	100
28) Fluoranthene	19.317	202	13945	0.412	ng	100
30) Pyrene	19.680	202	14557	0.386	ng	100
32) Benzo(a)anthracene	21.438	228	10471	0.374	ng	99
33) Chrysene	21.483	228	12873	0.405	ng	100
34) Bis(2-ethylhexyl)phtha...	21.375	149	7455	0.391	ng	100
36) Indeno(1,2,3-cd)pyrene	26.265	276	12797m	0.395	ng	
37) Benzo(b)fluoranthene	23.092	252	11125	0.386	ng	99
38) Benzo(k)fluoranthene	23.142	252	12225	0.405	ng	99
39) Benzo(a)pyrene	23.709	252	9957	0.396	ng	98
40) Dibenzo(a,h)anthracene	26.300	278	9752	0.378	ng	96
41) Benzo(g,h,i)perylene	26.999	276	11774	0.374	ng	98

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

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