Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033689.D
Acq On : 30 Aug 2024 04:17
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 04:48:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	5831	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	15072	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	6860	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	13770	0.400	ng	0.00
29) Chrysene-d12	21.121	240	11603	0.400	ng	0.00
35) Perylene-d12	23.282	264	12985	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	6519	0.372	ng	0.00
5) Phenol-d6	6.714	99	7985	0.385	ng	0.00
8) Nitrobenzene-d5	8.659	82	4721	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	8024	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1192	0.362	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	11354	0.393	ng	0.00
27) Fluoranthene-d10	18.956	212	13607	0.401	ng	0.00
31) Terphenyl-d14	19.570	244	9083	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	2701	0.399	ng	96
3) n-Nitrosodimethylamine	3.464	42	2962	0.372	ng	99
6) bis(2-Chloroethyl)ether	6.967	93	6229	0.394	ng	99
9) Naphthalene	10.336	128	15466	0.383	ng	99
10) Hexachlorobutadiene	10.635	225	3259	0.390	ng	# 100
12) 2-Methylnaphthalene	11.960	142	9363	0.377	ng	100
16) Acenaphthylene	13.879	152	11162	0.376	ng	100
17) Acenaphthene	14.221	154	7924	0.384	ng	99
18) Fluorene	15.215	166	9838	0.384	ng	100
20) 4,6-Dinitro-2-methylph...	15.300	198	779	0.373	ng	85
21) 4-Bromophenyl-phenylether	16.122	248	3033	0.381	ng	94
22) Hexachlorobenzene	16.222	284	3555	0.391	ng	99
23) Atrazine	16.396	200	2400	0.378	ng	98
24) Pentachlorophenol	16.569	266	1547	0.377	ng	99
25) Phenanthrene	16.954	178	14940	0.390	ng	99
26) Anthracene	17.041	178	12490	0.376	ng	100
28) Fluoranthene	18.984	202	17212	0.399	ng	100
30) Pyrene	19.351	202	17655	0.376	ng	100
32) Benzo(a)anthracene	21.103	228	15855	0.387	ng	100
33) Chrysene	21.157	228	16988	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.068	149	8672m	0.374	ng	
36) Indeno(1,2,3-cd)pyrene	25.417	276	22359	0.401	ng	100
37) Benzo(b)fluoranthene	22.639	252	18576	0.389	ng	97
38) Benzo(k)fluoranthene	22.683	252	18944	0.405	ng	98
39) Benzo(a)pyrene	23.189	252	15354	0.385	ng	96
40) Dibenzo(a,h)anthracene	25.434	278	17744	0.400	ng	98
41) Benzo(g,h,i)perylene	26.066	276	19245	0.400	ng	98

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

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