Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034869.D
Acq On : 06 Nov 2024 11:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 12:16:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/07/2024
Supervised By :mohammad ahmed
11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	8735	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	26575	0.400	ng	-0.01
13) Acenaphthene-d10	14.211	164	13621	0.400	ng	-0.01
19) Phenanthrene-d10	16.957	188	27329	0.400	ng	-0.01
29) Chrysene-d12	21.151	240	19519	0.400	ng	0.00
35) Perylene-d12	23.317	264	18719	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	10387	0.393	ng	-0.01
5) Phenol-d6	6.752	99	13485	0.392	ng	-0.01
8) Nitrobenzene-d5	8.707	82	8525	0.408	ng	-0.02
11) 2-Methylnaphthalene-d10	11.935	152	13723	0.357	ng	-0.02
14) 2,4,6-Tribromophenol	15.704	330	2228	0.331	ng	-0.01
15) 2-Fluorobiphenyl	12.832	172	19999	0.373	ng	-0.01
27) Fluoranthene-d10	18.987	212	25706	0.401	ng	-0.01
31) Terphenyl-d14	19.600	244	14129	0.337	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	3858	0.403	ng	# 85
3) n-Nitrosodimethylamine	3.487	42	4477m	0.415	ng	
6) bis(2-Chloroethyl)ether	7.011	93	10623	0.423	ng	95
9) Naphthalene	10.383	128	27318	0.372	ng	99
10) Hexachlorobutadiene	10.682	225	4369	0.361	ng	# 99
12) 2-Methylnaphthalene	12.010	142	16925	0.352	ng	98
16) Acenaphthylene	13.923	152	22623	0.331	ng	100
17) Acenaphthene	14.265	154	16164	0.355	ng	98
18) Fluorene	15.259	166	20220	0.356	ng	99
20) 4,6-Dinitro-2-methylph...	15.345	198	1313	0.431	ng	# 64
21) 4-Bromophenyl-phenylether	16.163	248	5591	0.354	ng	# 88
22) Hexachlorobenzene	16.262	284	6193	0.350	ng	92
23) Atrazine	16.436	200	5290	0.389	ng	97
24) Pentachlorophenol	16.610	266	3266	0.428	ng	98
25) Phenanthrene	16.994	178	31077	0.387	ng	100
26) Anthracene	17.081	178	28175	0.375	ng	100
28) Fluoranthene	19.020	202	35735	0.403	ng	99
30) Pyrene	19.382	202	37353	0.366	ng	100
32) Benzo(a)anthracene	21.133	228	31706	0.408	ng	99
33) Chrysene	21.187	228	30778	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.098	149	25388	0.391	ng	98
36) Indeno(1,2,3-cd)pyrene	25.472	276	31076	0.451	ng	95
37) Benzo(b)fluoranthene	22.671	252	31147	0.413	ng	98
38) Benzo(k)fluoranthene	22.715	252	30098	0.409	ng	97
39) Benzo(a)pyrene	23.224	252	25061	0.403	ng	98
40) Dibenzo(a,h)anthracene	25.490	278	23904	0.445	ng	97
41) Benzo(g,h,i)perylene	26.127	276	26113	0.450	ng	96

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

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