Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029174.D
Acq On : 22 Dec 2023 06:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 06:58:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	840	0.400	ng	-0.02
7) Naphthalene-d8	10.573	136	1667	0.400	ng	-0.01
13) Acenaphthene-d10	14.425	164	967	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1536	0.400	ng	# 0.00
29) Chrysene-d12	21.393	240	620	0.400	ng	0.00
35) Perylene-d12	23.709	264	759	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	748	0.372	ng	-0.01
5) Phenol-d6	6.995	99	862	0.390	ng	0.00
8) Nitrobenzene-d5	8.960	82	760	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.166	152	1031	0.408	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	255	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1931	0.342	ng	0.00
27) Fluoranthene-d10	19.220	212	1177	0.317	ng	0.00
31) Terphenyl-d14	19.833	244	686	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	371	0.469	ng	# 86
3) n-Nitrosodimethylamine	3.701	42	208m	0.383	ng	
6) bis(2-Chloroethyl)ether	7.240	93	552	0.321	ng	97
9) Naphthalene	10.626	128	1980	0.365	ng	99
10) Hexachlorobutadiene	10.893	225	610	0.341	ng	# 97
12) 2-Methylnaphthalene	12.246	142	1386	0.390	ng	97
16) Acenaphthylene	14.147	152	2276	0.334	ng	98
17) Acenaphthene	14.489	154	1479	0.362	ng	91
18) Fluorene	15.484	166	2007	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.579	198	147	0.264	ng	96
21) 4-Bromophenyl-phenylether	16.386	248	580	0.365	ng	93
22) Hexachlorobenzene	16.473	284	670	0.362	ng	99
23) Atrazine	16.672	200	527	0.396	ng	98
24) Pentachlorophenol	16.833	266	325	0.296	ng	90
25) Phenanthrene	17.218	178	2465	0.389	ng	96
26) Anthracene	17.317	178	2398	0.391	ng	100
28) Fluoranthene	19.252	202	2215	0.338	ng	98
30) Pyrene	19.614	202	2134	0.437	ng	99
32) Benzo(a)anthracene	21.375	228	1287	0.377	ng	97
33) Chrysene	21.420	228	1281	0.380	ng	98
34) Bis(2-ethylhexyl)phtha...	21.313	149	1651	0.399	ng	97
36) Indeno(1,2,3-cd)pyrene	26.083	276	1917	0.392	ng	# 81
37) Benzo(b)fluoranthene	23.005	252	1495	0.387	ng	97
38) Benzo(k)fluoranthene	23.051	252	1453	0.384	ng	99
39) Benzo(a)pyrene	23.607	252	1342	0.390	ng	99
40) Dibenzo(a,h)anthracene	26.113	278	1499	0.399	ng	97
41) Benzo(g,h,i)perylene	26.811	276	1672	0.404	ng	98

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

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