Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028989.D
Acq On : 02 Dec 2023 18:47
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 03 08:15:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.782	152	2211	0.400	ng		-0.01
7) Naphthalene-d8	10.573	136	6672	0.400	ng		#-0.01
13) Acenaphthene-d10	14.407	164	4085	0.400	ng		-0.01
19) Phenanthrene-d10	17.159	188	8903	0.400	ng		-0.01
29) Chrysene-d12	21.356	240	6893	0.400	ng		#-0.02
35) Perylene-d12	23.675	264	6309	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2564	0.383	ng		-0.01
5) Phenol-d6	6.995	99	3086	0.416	ng		-0.01
8) Nitrobenzene-d5	8.950	82	2485	0.375	ng		-0.02
11) 2-Methylnaphthalene-d10	12.159	152	4147	0.387	ng		-0.01
14) 2,4,6-Tribromophenol	15.905	330	940	0.341	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	6392	0.362	ng		-0.01
27) Fluoranthene-d10	19.195	212	9297	0.397	ng		-0.01
31) Terphenyl-d14	19.803	244	7749	0.396	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	705	0.326	ng		98
3) n-Nitrosodimethylamine	3.730	42	1197m	0.443	ng		
6) bis(2-Chloroethyl)ether	7.240	93	2316	0.371	ng		98
9) Naphthalene	10.616	128	7644	0.361	ng		98
10) Hexachlorobutadiene	10.883	225	1498	0.346	ng	#	100
12) 2-Methylnaphthalene	12.231	142	5110	0.384	ng		98
16) Acenaphthylene	14.129	152	7862	0.363	ng		100
17) Acenaphthene	14.471	154	5146	0.358	ng		99
18) Fluorene	15.455	166	7137	0.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.558	198	541	0.277	ng	#	79
21) 4-Bromophenyl-phenylether	16.352	248	2106	0.344	ng	#	70
22) Hexachlorobenzene	16.451	284	2576	0.343	ng		92
23) Atrazine	16.650	200	1786	0.333	ng		96
24) Pentachlorophenol	16.811	266	1126	0.322	ng		93
25) Phenanthrene	17.196	178	10551	0.359	ng		96
26) Anthracene	17.295	178	9445	0.348	ng		100
28) Fluoranthene	19.223	202	12259	0.401	ng		99
30) Pyrene	19.585	202	12572	0.333	ng		100
32) Benzo(a)anthracene	21.338	228	10260	0.350	ng		95
33) Chrysene	21.392	228	10411	0.362	ng		94
34) Bis(2-ethylhexyl)phtha...	21.284	149	8308	0.064	ng	#	86
36) Indeno(1,2,3-cd)pyrene	26.061	276	10140	0.369	ng	#	84
37) Benzo(b)fluoranthene	22.971	252	9874	0.383	ng	#	32
38) Benzo(k)fluoranthene	23.020	252	9351	0.384	ng	#	32
39) Benzo(a)pyrene	23.573	252	8164	0.354	ng	#	28
40) Dibenzo(a,h)anthracene	26.087	278	8070	0.379	ng	#	29
41) Benzo(g,h,i)perylene	26.789	276	8713	0.364	ng	#	73

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

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