Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023029.D
Acq On : 01 Dec 2022 22:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 02:32:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	6119	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	16567	0.400	ng		0.00
13) Acenaphthene-d10	14.688	164	8801	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	17527	0.400	ng	#	0.00
29) Chrysene-d12	21.616	240	10418	0.400	ng	#	0.00
35) Perylene-d12	24.103	264	7595	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	5186	0.326	ng		0.00
5) Phenol-d6	7.204	99	6606	0.326	ng		0.00
8) Nitrobenzene-d5	9.217	82	4730	0.368	ng		0.00
11) 2-Methylnaphthalene-d10	12.458	152	13844	0.385	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1265	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	15220	0.378	ng		0.00
27) Fluoranthene-d10	19.465	212	17546	0.369	ng		0.00
31) Terphenyl-d14	20.058	244	9368	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2811	0.362	ng		99
3) n-Nitrosodimethylamine	3.767	42	2807m	0.335	ng		
6) bis(2-Chloroethyl)ether	7.472	93	7115	0.374	ng		99
9) Naphthalene	10.925	128	18521	0.363	ng		100
10) Hexachlorobutadiene	11.214	225	3923	0.375	ng	#	99
12) 2-Methylnaphthalene	12.148	142	3070	0.295	ng	#	98
16) Acenaphthylene	14.410	152	14658m	0.315	ng		
17) Acenaphthene	14.752	154	11032	0.360	ng		99
18) Fluorene	15.739	166	13356	0.340	ng		99
20) 4,6-Dinitro-2-methylph...	15.801	198	733	0.374	ng	#	82
21) 4-Bromophenyl-phenylether	16.633	248	4300	0.340	ng	#	78
22) Hexachlorobenzene	16.744	284	5856	0.379	ng		95
23) Atrazine	16.893	200	2698	0.302	ng	#	92
24) Pentachlorophenol	17.079	266	1391	0.329	ng		100
25) Phenanthrene	17.477	178	22012	0.361	ng		100
26) Anthracene	17.576	178	17105	0.323	ng		99
28) Fluoranthene	19.494	202	21419	0.331	ng		99
30) Pyrene	19.857	202	21724	0.401	ng		98
32) Benzo(a)anthracene	21.607	228	14294	0.340	ng		99
33) Chrysene	21.661	228	16444	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.527	149	6293	0.372	ng		97
36) Indeno(1,2,3-cd)pyrene	26.696	276	14582	0.463	ng		96
37) Benzo(b)fluoranthene	23.340	252	13539	0.399	ng	#	91
38) Benzo(k)fluoranthene	23.390	252	13956	0.380	ng	#	95
39) Benzo(a)pyrene	23.992	252	10083	0.390	ng	#	82
40) Dibenzo(a,h)anthracene	26.717	278	11620	0.464	ng		96
41) Benzo(g,h,i)perylene	27.494	276	11360	0.421	ng		97

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

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