Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029436.D
Acq On : 31 Jan 2024 05:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Jan 31 06:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3578	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9660	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4323	0.400	ng		-0.01
19) Phenanthrene-d10	17.292	188	8413	0.400	ng		# 0.00
29) Chrysene-d12	21.492	240	5738	0.400	ng		# 0.00
35) Perylene-d12	23.870	264	5696	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3215	0.374	ng		0.00
5) Phenol-d6	7.060	99	3705	0.374	ng		0.00
8) Nitrobenzene-d5	9.057	82	3083	0.383	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	5131	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	490	0.353	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	7466	0.402	ng		-0.01
27) Fluoranthene-d10	19.322	212	7583	0.372	ng		0.00
31) Terphenyl-d14	19.930	244	5623	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	1817	0.361	ng		96
3) n-Nitrosodimethylamine	3.716	42	1482	0.361	ng	#	97
6) bis(2-Chloroethyl)ether	7.334	93	3642	0.385	ng		99
9) Naphthalene	10.744	128	10729	0.390	ng		100
10) Hexachlorobutadiene	11.021	225	2141	0.410	ng	#	100
12) 2-Methylnaphthalene	12.363	142	6187	0.383	ng		99
16) Acenaphthylene	14.254	152	7793	0.380	ng		99
17) Acenaphthene	14.596	154	5347	0.388	ng		99
18) Fluorene	15.580	166	6688	0.387	ng		99
20) 4,6-Dinitro-2-methylph...	15.666	198	471	0.381	ng		84
21) 4-Bromophenyl-phenylether	16.486	248	1916	0.383	ng	#	85
22) Hexachlorobenzene	16.585	284	2400	0.391	ng		99
23) Atrazine	16.759	200	1397	0.392	ng		96
24) Pentachlorophenol	16.932	266	653	0.335	ng		98
25) Phenanthrene	17.330	178	9467	0.380	ng		99
26) Anthracene	17.417	178	7876	0.371	ng		99
28) Fluoranthene	19.354	202	10349	0.370	ng		99
30) Pyrene	19.717	202	10450	0.396	ng		100
32) Benzo(a)anthracene	21.474	228	7413	0.378	ng		99
33) Chrysene	21.528	228	8800	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	5138	0.385	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.332	276	8292	0.362	ng	#	83
37) Benzo(b)fluoranthene	23.148	252	7634	0.375	ng		99
38) Benzo(k)fluoranthene	23.195	252	8239m	0.386	ng		
39) Benzo(a)pyrene	23.765	252	6556	0.369	ng		98
40) Dibenzo(a,h)anthracene	26.367	278	6719	0.368	ng		98
41) Benzo(g,h,i)perylene	27.086	276	8119	0.366	ng		98

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

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