Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034245.D
Acq On : 26 Sep 2024 03:24
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 04:33:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.972	152	3889	0.400	ng		0.00
7) Naphthalene-d8	10.746	136	10580	0.400	ng		# 0.00
13) Acenaphthene-d10	14.543	164	5573	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	10541	0.400	ng		# 0.00
29) Chrysene-d12	21.438	240	6525	0.400	ng		# 0.00
35) Perylene-d12	23.768	264	5417	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.574	112	3128	0.283	ng		0.00
5) Phenol-d6	7.149	99	2452	0.191	ng		0.00
8) Nitrobenzene-d5	9.123	82	2755	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	5256	0.336	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	154	0.061	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	8264	0.365	ng		0.00
27) Fluoranthene-d10	19.294	212	9578	0.360	ng		0.00
31) Terphenyl-d14	19.889	244	5282	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	2819	0.580	ng		87
3) n-Nitrosodimethylamine	3.827	42	2007	0.363	ng	#	93
6) bis(2-Chloroethyl)ether	7.402	93	3497	0.308	ng		92
9) Naphthalene	10.799	128	10811	0.372	ng		99
10) Hexachlorobutadiene	11.077	225	2140	0.391	ng	#	99
12) 2-Methylnaphthalene	12.396	142	6628	0.351	ng		99
16) Acenaphthylene	14.265	152	8028	0.337	ng		100
17) Acenaphthene	14.607	154	6285	0.367	ng		99
18) Fluorene	15.579	166	8046m	0.358	ng		
20) 4,6-Dinitro-2-methylph...	16.746	198	45	0.161	ng	#	1
21) 4-Bromophenyl-phenylether	16.473	248	2348m	0.396	ng		
22) Hexachlorobenzene	16.585	284	2793	0.420	ng		99
23) Atrazine	16.746	200	1669m	0.340	ng		
24) Pentachlorophenol	16.932	266	156	0.071	ng	#	81
25) Phenanthrene	17.317	178	11766m	0.389	ng		
26) Anthracene	17.404	178	8381	0.339	ng		100
28) Fluoranthene	19.322	202	12999	0.371	ng		100
30) Pyrene	19.684	202	13384	0.486	ng		99
32) Benzo(a)anthracene	21.420	228	7359	0.356	ng		98
33) Chrysene	21.474	228	8912	0.362	ng		99
34) Bis(2-ethylhexyl)phtha...	21.340	149	6185	0.719	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.142	276	5477	0.236	ng		94
37) Benzo(b)fluoranthene	23.063	252	7321	0.345	ng	#	66
38) Benzo(k)fluoranthene	23.110	252	8643m	0.388	ng		
39) Benzo(a)pyrene	23.668	252	5871	0.339	ng	#	43
40) Dibenzo(a,h)anthracene	26.165	278	3958m	0.220	ng		
41) Benzo(g,h,i)perylene	26.852	276	6313	0.312	ng	#	90

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

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