Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
Data File : BN032717.D
Acq On : 15 Jul 2024 10:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 11:19:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	4462	0.400	ng		-0.02
7) Naphthalene-d8	10.325	136	13447	0.400	ng		-0.03
13) Acenaphthene-d10	14.189	164	7382	0.400	ng		-0.02
19) Phenanthrene-d10	16.954	188	13280	0.400	ng		-0.02
29) Chrysene-d12	21.166	240	12495	0.400	ng		-0.03
35) Perylene-d12	23.364	264	15169	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4853	0.430	ng		-0.01
5) Phenol-d6	6.772	99	6027	0.430	ng		-0.02
8) Nitrobenzene-d5	8.734	82	4117	0.407	ng		-0.04
11) 2-Methylnaphthalene-d10	11.922	152	7692	0.374	ng		-0.04
14) 2,4,6-Tribromophenol	15.725	330	1109	0.352	ng		-0.01
15) 2-Fluorobiphenyl	12.820	172	11349	0.413	ng		-0.03
27) Fluoranthene-d10	18.998	212	13822	0.402	ng		-0.02
31) Terphenyl-d14	19.607	244	9110	0.356	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.139	88	2333	0.422	ng		99
3) n-Nitrosodimethylamine	3.464	42	1816	0.389	ng	#	98
6) bis(2-Chloroethyl)ether	7.003	93	3882	0.331	ng	#	80
9) Naphthalene	10.368	128	14666	0.394	ng		99
10) Hexachlorobutadiene	10.624	225	2816	0.396	ng	#	100
12) 2-Methylnaphthalene	11.998	142	8914	0.366	ng		98
16) Acenaphthylene	13.911	152	11999	0.400	ng		99
17) Acenaphthene	14.253	154	8297	0.390	ng		99
18) Fluorene	15.258	166	10050	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.439	198	74	0.319	ng	#	1
21) 4-Bromophenyl-phenylether	16.147	248	2925	0.375	ng		98
22) Hexachlorobenzene	16.259	284	3485	0.399	ng		100
23) Atrazine	16.433	200	2332	0.406	ng		100
24) Pentachlorophenol	16.631	266	1272	0.392	ng		97
25) Phenanthrene	16.991	178	13671	0.377	ng		99
26) Anthracene	17.091	178	11662	0.390	ng		99
28) Fluoranthene	19.031	202	17185	0.391	ng		100
30) Pyrene	19.398	202	18194	0.356	ng		99
32) Benzo(a)anthracene	21.157	228	16828	0.426	ng		99
33) Chrysene	21.202	228	17945	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.068	149	10932m	0.500	ng		
36) Indeno(1,2,3-cd)pyrene	25.572	276	24405	0.408	ng		100
37) Benzo(b)fluoranthene	22.706	252	18999	0.360	ng		99
38) Benzo(k)fluoranthene	22.747	252	20602	0.341	ng		100
39) Benzo(a)pyrene	23.271	252	18193	0.382	ng		96
40) Dibenzo(a,h)anthracene	25.580	278	19624	0.416	ng		97
41) Benzo(g,h,i)perylene	26.253	276	21140	0.404	ng		98

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

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