Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033228.D
Acq On : 03 Aug 2024 07:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:25:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	2923	0.400	ng	0.00
7) Naphthalene-d8	10.287	136	10082	0.400	ng	# 0.00
13) Acenaphthene-d10	14.133	164	5809	0.400	ng	0.00
19) Phenanthrene-d10	16.915	188	11229	0.400	ng	# 0.00
29) Chrysene-d12	21.140	240	7084	0.400	ng	0.00
35) Perylene-d12	23.315	264	8355	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	2865m	0.387	ng	0.00
5) Phenol-d6	6.860	99	3565	0.388	ng	-0.02
8) Nitrobenzene-d5	8.813	82	2949	0.389	ng	0.00
11) 2-Methylnaphthalene-d10	11.901	152	5525	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.711	330	648	0.261	ng	0.00
15) 2-Fluorobiphenyl	12.786	172	8319	0.385	ng	0.00
27) Fluoranthene-d10	18.962	212	9505	0.327	ng	0.00
31) Terphenyl-d14	19.566	244	6066	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.083	88	1607	0.444	ng	# 84
3) n-Nitrosodimethylamine	3.465	42	1427	0.466	ng	# 78
6) bis(2-Chloroethyl)ether	7.012	93	2586	0.337	ng	90
9) Naphthalene	10.329	128	10548	0.378	ng	99
10) Hexachlorobutadiene	10.522	225	2011	0.377	ng	# 100
12) 2-Methylnaphthalene	11.976	142	6101	0.334	ng	# 95
16) Acenaphthylene	13.866	152	9247	0.391	ng	99
17) Acenaphthene	14.197	154	6521	0.389	ng	99
18) Fluorene	15.213	166	8211	0.367	ng	98
20) 4,6-Dinitro-2-methylph...	15.549	198	142	0.351	ng	# 1
21) 4-Bromophenyl-phenylether	16.108	248	2423	0.367	ng	93
22) Hexachlorobenzene	16.207	284	2575	0.349	ng	# 87
23) Atrazine	16.418	200	1812	0.373	ng	99
24) Pentachlorophenol	16.629	266	593	0.216	ng	97
25) Phenanthrene	16.964	178	11157	0.364	ng	99
26) Anthracene	17.076	178	9086m	0.360	ng	
28) Fluoranthene	18.994	202	11985	0.323	ng	99
30) Pyrene	19.361	202	12412	0.429	ng	99
32) Benzo(a)anthracene	21.131	228	7176m	0.320	ng	
33) Chrysene	21.176	228	11331	0.426	ng	98
34) Bis(2-ethylhexyl)phtha...	21.006	149	5406	0.436	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.514	276	12098	0.367	ng	100
37) Benzo(b)fluoranthene	22.666	252	9290m	0.319	ng	
38) Benzo(k)fluoranthene	22.707	252	11329	0.341	ng	98
39) Benzo(a)pyrene	23.233	252	9108	0.347	ng	97
40) Dibenzo(a,h)anthracene	25.511	278	9491	0.365	ng	98
41) Benzo(g,h,i)perylene	26.189	276	10919	0.379	ng	99

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

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