Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033463.D
Acq On : 17 Aug 2024 11:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 23:22:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	10496	0.400	ng		-0.01
7) Naphthalene-d8	10.325	136	29001	0.400	ng		#-0.01
13) Acenaphthene-d10	14.189	164	13442	0.400	ng		-0.01
19) Phenanthrene-d10	16.942	188	23749	0.400	ng		-0.01
29) Chrysene-d12	21.148	240	16921	0.400	ng		0.00
35) Perylene-d12	23.320	264	18258	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.190	112	11207	0.387	ng		0.00
5) Phenol-d6	6.743	99	13968	0.357	ng		0.00
8) Nitrobenzene-d5	8.691	82	8506	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	11.918	152	14801	0.332	ng		-0.01
14) 2,4,6-Tribromophenol	15.688	330	1939	0.281	ng		-0.01
15) 2-Fluorobiphenyl	12.809	172	20685	0.375	ng		-0.01
27) Fluoranthene-d10	18.984	212	19760	0.311	ng		0.00
31) Terphenyl-d14	19.597	244	13900	0.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4060	0.348	ng		94
3) n-Nitrosodimethylamine	3.479	42	4855	0.323	ng	#	90
6) bis(2-Chloroethyl)ether	6.996	93	11033	0.348	ng		99
9) Naphthalene	10.368	128	28239	0.353	ng		99
10) Hexachlorobutadiene	10.667	225	5519	0.362	ng	#	99
12) 2-Methylnaphthalene	11.994	142	17325	0.321	ng		99
16) Acenaphthylene	13.911	152	20393	0.325	ng		100
17) Acenaphthene	14.253	154	14380	0.334	ng		98
18) Fluorene	15.247	166	17515	0.309	ng		100
20) 4,6-Dinitro-2-methylph...	15.332	198	552	0.191	ng	#	78
21) 4-Bromophenyl-phenylether	16.147	248	5356	0.377	ng	#	88
22) Hexachlorobenzene	16.259	284	6274	0.394	ng		100
23) Atrazine	16.433	200	3853	0.342	ng		98
24) Pentachlorophenol	16.606	266	1905	0.296	ng		98
25) Phenanthrene	16.979	178	24361	0.355	ng		100
26) Anthracene	17.078	178	20437	0.337	ng		100
28) Fluoranthene	19.012	202	25098	0.297	ng		100
30) Pyrene	19.379	202	25953	0.385	ng		100
32) Benzo(a)anthracene	21.130	228	21711	0.343	ng		99
33) Chrysene	21.184	228	22727	0.357	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	12563	0.437	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.478	276	27588	0.366	ng		98
37) Benzo(b)fluoranthene	22.674	252	23770	0.346	ng		95
38) Benzo(k)fluoranthene	22.718	252	23548m	0.336	ng		
39) Benzo(a)pyrene	23.224	252	20033	0.346	ng	#	92
40) Dibenzo(a,h)anthracene	25.495	278	22074	0.371	ng		98
41) Benzo(g,h,i)perylene	26.130	276	23802	0.360	ng		99

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

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