Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033287.D
Acq On : 06 Aug 2024 23:29
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 02:06:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.503	152	945	0.400	ng		0.00
7) Naphthalene-d8	10.287	136	3751	0.400	ng		#-0.03
13) Acenaphthene-d10	14.122	164	2626	0.400	ng		0.00
19) Phenanthrene-d10	16.902	188	6167	0.400	ng		-0.02
29) Chrysene-d12	21.113	240	6365	0.400	ng		-0.01
35) Perylene-d12	23.283	264	7783	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.314	112	1209m	0.516	ng		0.02
5) Phenol-d6	6.939	99	1691m	0.526	ng		-0.05
8) Nitrobenzene-d5	8.888	82	1045	0.346	ng		-0.03
11) 2-Methylnaphthalene-d10	11.901	152	2193	0.394	ng		-0.03
14) 2,4,6-Tribromophenol	15.698	330	413	0.422	ng		-0.02
15) 2-Fluorobiphenyl	12.775	172	3667	0.408	ng		-0.03
27) Fluoranthene-d10	18.948	212	6581	0.381	ng		0.00
31) Terphenyl-d14	19.547	244	4540	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.047	88	579	0.317	ng	#	78
3) n-Nitrosodimethylamine	3.480	42	375	0.325	ng	#	94
6) bis(2-Chloroethyl)ether	7.041	93	2431m	0.897	ng		
9) Naphthalene	10.351	128	4060	0.398	ng		98
10) Hexachlorobutadiene	10.500	225	807	0.427	ng	#	98
12) 2-Methylnaphthalene	11.977	142	2326	0.383	ng		98
16) Acenaphthylene	13.855	152	4189	0.400	ng		99
17) Acenaphthene	14.186	154	3152	0.417	ng		99
18) Fluorene	15.202	166	4194	0.410	ng		99
20) 4,6-Dinitro-2-methylph...	15.574	198	203	0.422	ng		74
21) 4-Bromophenyl-phenylether	16.095	248	1269	0.388	ng		97
22) Hexachlorobenzene	16.195	284	1424	0.417	ng		97
23) Atrazine	16.393	200	1118	0.363	ng		98
24) Pentachlorophenol	16.617	266	393	0.344	ng		94
25) Phenanthrene	16.952	178	6206	0.374	ng		100
26) Anthracene	17.064	178	4840	0.348	ng	#	86
28) Fluoranthene	18.980	202	8319	0.366	ng		100
30) Pyrene	19.347	202	8909	0.400	ng		100
32) Benzo(a)anthracene	21.104	228	6479	0.353	ng		99
33) Chrysene	21.158	228	10411	0.423	ng		99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1867	0.424	ng	#	89
36) Indeno(1,2,3-cd)pyrene	25.470	276	12323	0.350	ng		98
37) Benzo(b)fluoranthene	22.637	252	8594	0.364	ng		96
38) Benzo(k)fluoranthene	22.681	252	12426m	0.421	ng		
39) Benzo(a)pyrene	23.204	252	8698	0.367	ng		95
40) Dibenzo(a,h)anthracene	25.464	278	9710	0.349	ng		100
41) Benzo(g,h,i)perylene	26.137	276	11199	0.352	ng		97

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

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