Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032573.D
Acq On : 09 Jul 2024 05:29
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 06:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4639	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	15102	0.400	ng		-0.01
13) Acenaphthene-d10	14.231	164	10935	0.400	ng		0.00
19) Phenanthrene-d10	16.991	188	24073	0.400	ng		#-0.01
29) Chrysene-d12	21.202	240	20501	0.400	ng		# 0.00
35) Perylene-d12	23.420	264	19839	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4709	0.402	ng		0.00
5) Phenol-d6	6.816	99	5633	0.376	ng		0.00
8) Nitrobenzene-d5	8.788	82	3859	0.342	ng		-0.01
11) 2-Methylnaphthalene-d10	11.975	152	9478	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	1950	0.394	ng		-0.01
15) 2-Fluorobiphenyl	12.852	172	14724	0.365	ng		-0.01
27) Fluoranthene-d10	19.035	212	24272	0.387	ng		0.00
31) Terphenyl-d14	19.644	244	18762	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2255	0.369	ng		99
3) n-Nitrosodimethylamine	3.486	42	1634	0.369	ng	#	94
6) bis(2-Chloroethyl)ether	7.039	93	3689	0.368	ng		94
9) Naphthalene	10.410	128	17693	0.429	ng		100
10) Hexachlorobutadiene	10.667	225	3153	0.384	ng	#	98
12) 2-Methylnaphthalene	12.051	142	10888	0.394	ng		100
16) Acenaphthylene	13.954	152	16767	0.356	ng		100
17) Acenaphthene	14.296	154	12197	0.373	ng		99
18) Fluorene	15.290	166	16248	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.472	198	879	0.430	ng	#	65
21) 4-Bromophenyl-phenylether	16.185	248	5402	0.378	ng		93
22) Hexachlorobenzene	16.296	284	5994	0.381	ng		100
23) Atrazine	16.483	200	4150	0.372	ng		97
24) Pentachlorophenol	16.669	266	2203	0.474	ng		99
25) Phenanthrene	17.041	178	25135	0.384	ng		100
26) Anthracene	17.140	178	18989	0.361	ng		99
28) Fluoranthene	19.068	202	30019	0.380	ng		100
30) Pyrene	19.435	202	32027	0.384	ng		100
32) Benzo(a)anthracene	21.193	228	25336	0.374	ng		99
33) Chrysene	21.247	228	31673	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	20039	0.435	ng		100
36) Indeno(1,2,3-cd)pyrene	25.659	276	26704	0.352	ng		99
37) Benzo(b)fluoranthene	22.756	252	23970	0.363	ng		98
38) Benzo(k)fluoranthene	22.800	252	30135m	0.396	ng		
39) Benzo(a)pyrene	23.332	252	23606	0.377	ng	#	95
40) Dibenzo(a,h)anthracene	25.668	278	20919	0.348	ng	#	95
41) Benzo(g,h,i)perylene	26.343	276	23051	0.352	ng		99

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

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