Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
Data File : BN013815.D
Acq On : 02 Mar 2021 19:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/3/2021 11:01:19 AM

Quant Time: Mar 02 23:48:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	5930	0.40	ng		0.00
7) Naphthalene-d8	10.517	136	22255	0.40	ng		-0.01
13) Acenaphthene-d10	14.371	164	11697	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	24971	0.40	ng		#-0.01
29) Chrysene-d12	21.292	240	23534	0.40	ng		0.00
36) Perylene-d12	23.537	264	22642	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	5548	0.35	ng		0.00
5) Phenol-d6	6.895	99	7530	0.36	ng		0.00
8) Nitrobenzene-d5	8.870	82	5750	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	14141	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.856	330	1381	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	18706	0.45	ng		-0.01
27) Fluoranthene-d10	19.143	212	27055	0.37	ng		-0.01
31) Terphenyl-d14	19.749	244	21495	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	3321	0.46	ng		97
3) n-Nitrosodimethylamine	3.585	42	2188	0.40	ng	#	89
6) bis(2-Chloroethyl)ether	7.161	93	6706	0.45	ng		94
9) Naphthalene	10.568	128	23160	0.42	ng		99
10) Hexachlorobutadiene	10.860	225	4364	0.41	ng	#	100
12) 2-Methylnaphthalene	12.182	142	15301	0.40	ng		99
16) Acenaphthylene	14.080	152	18049	0.35	ng		99
17) Acenaphthene	14.435	154	13484	0.41	ng		99
18) Fluorene	15.424	166	16466	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.488	198	890	0.51	ng	#	74
21) 4-Bromophenyl-phenylether	16.313	248	5244	0.39	ng	#	88
22) Hexachlorobenzene	16.422	284	6306	0.44	ng		100
23) Atrazine	16.581	200	3130	0.25	ng		98
24) Pentachlorophenol	16.763	266	1339	0.29	ng		95
25) Phenanthrene	17.153	178	27547	0.42	ng		100
26) Anthracene	17.250	178	22319	0.35	ng		100
28) Fluoranthene	19.173	202	29731	0.38	ng		98
30) Pyrene	19.541	202	29933	0.41	ng		100
32) Benzo(a)anthracene	21.282	228	25413	0.35	ng		99
33) Chrysene	21.335	228	30668	0.43	ng		97
34) Bis(2-ethylhexyl)phtha...	21.218	149	7336	0.21	ng		98
35) Indeno(1,2,3-cd)pyrene	25.796	276	36619	0.43	ng		100
37) Benzo(b)fluoranthene	22.866	252	30148	0.42	ng		96
38) Benzo(k)fluoranthene	22.911	252	32692m	0.47	ng		
39) Benzo(a)pyrene	23.441	252	26760	0.41	ng		96
40) Dibenzo(a,h)anthracene	25.810	278	30079	0.44	ng		97
41) Benzo(g,h,i)perylene	26.484	276	29710	0.43	ng		98

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

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