Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013776.D
Acq On : 25 Feb 2021 19:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
2/26/2021 10:43:39 AM

Quant Time: Feb 25 23:14:05 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	7.740	152	5317	0.40	ng		0.00
7) Naphthalene-d8	10.517	136	20256	0.40	ng		#-0.01
13) Acenaphthene-d10	14.371	164	11547	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	24696	0.40	ng		-0.01
29) Chrysene-d12	21.303	240	24172	0.40	ng		# 0.00
36) Perylene-d12	23.547	264	23860	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	5877	0.41	ng		0.00
5) Phenol-d6	6.895	99	7906	0.42	ng		0.00
8) Nitrobenzene-d5	8.883	82	5986	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	13354	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1835	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	17472	0.43	ng		0.00
27) Fluoranthene-d10	19.153	212	27869	0.38	ng		0.00
31) Terphenyl-d14	19.754	244	21605	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2909	0.45	ng		97
3) n-Nitrosodimethylamine	3.585	42	2124	0.43	ng	#	96
6) bis(2-Chloroethyl)ether	7.169	93	6078	0.45	ng		95
9) Naphthalene	10.568	128	21011	0.42	ng		99
10) Hexachlorobutadiene	10.860	225	3976	0.41	ng	#	99
12) 2-Methylnaphthalene	12.191	142	14309	0.41	ng		99
16) Acenaphthylene	14.092	152	19495	0.38	ng		100
17) Acenaphthene	14.435	154	13187	0.41	ng		98
18) Fluorene	15.425	166	16500	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	853	0.50	ng	#	69
21) 4-Bromophenyl-phenylether	16.325	248	5384	0.40	ng	#	77
22) Hexachlorobenzene	16.422	284	6005	0.43	ng		99
23) Atrazine	16.593	200	4109	0.33	ng		98
24) Pentachlorophenol	16.763	266	1885	0.41	ng		96
25) Phenanthrene	17.165	178	26769	0.42	ng		100
26) Anthracene	17.250	178	23576	0.38	ng		100
28) Fluoranthene	19.183	202	30320	0.39	ng		99
30) Pyrene	19.546	202	30735	0.41	ng		100
32) Benzo(a)anthracene	21.282	228	29047	0.39	ng		97
33) Chrysene	21.335	228	30917	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	10675	0.30	ng		99
35) Indeno(1,2,3-cd)pyrene	25.810	276	36399	0.41	ng		100
37) Benzo(b)fluoranthene	22.873	252	30933m	0.41	ng		
38) Benzo(k)fluoranthene	22.917	252	32641	0.44	ng	#	95
39) Benzo(a)pyrene	23.448	252	27377	0.40	ng	#	91
40) Dibenzo(a,h)anthracene	25.827	278	30529	0.42	ng		97
41) Benzo(g,h,i)perylene	26.494	276	29972	0.41	ng		98

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

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