Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013207.D
Acq On : 18 Dec 2020 06:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
12/18/2020 10:28:08 AM

Quant Time: Dec 18 06:49:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	808	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	2291	0.40	ng		# 0.00
13) Acenaphthene-d10	14.004	164	1222	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	2752	0.40	ng		# 0.00
29) Chrysene-d12	21.006	240	2865	0.40	ng		# 0.00
36) Perylene-d12	23.092	264	3205	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	1085	0.33	ng		0.00
5) Phenol-d6	6.549	99	1101	0.33	ng		0.00
8) Nitrobenzene-d5	8.515	82	874	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.720	152	1305	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	277	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	1887	0.37	ng		-0.01
27) Fluoranthene-d10	18.821	212	3094	0.34	ng		0.00
31) Terphenyl-d14	19.442	244	2485	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	531	0.38	ng		89
3) n-Nitrosodimethylamine	3.279	42	795	0.34	ng	#	99
6) bis(2-Chloroethyl)ether	6.798	93	730	0.35	ng		93
9) Naphthalene	10.150	128	2437	0.35	ng	#	93
10) Hexachlorobutadiene	10.429	225	615	0.41	ng	#	98
12) 2-Methylnaphthalene	11.795	142	1462	0.31	ng		92
16) Acenaphthylene	13.724	152	2293	0.36	ng		98
17) Acenaphthene	14.067	154	1484	0.36	ng		90
18) Fluorene	15.069	166	1982	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.234	198	127	0.35	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	202	0.38	ng	#	88
22) Hexachlorobenzene	16.082	284	653	0.34	ng		91
23) Atrazine	16.264	200	517	0.31	ng	#	86
24) Pentachlorophenol	16.447	266	258	0.32	ng		94
25) Phenanthrene	16.812	178	2988	0.33	ng		99
26) Anthracene	16.909	178	2624	0.33	ng		99
28) Fluoranthene	18.851	202	3753	0.34	ng		99
30) Pyrene	19.218	202	3783	0.34	ng		99
32) Benzo(a)anthracene	20.984	228	3183	0.32	ng		96
33) Chrysene	21.038	228	3893	0.36	ng		96
34) Bis(2-ethylhexyl)phtha...	20.921	149	1593	0.05	ng		100
35) Indeno(1,2,3-cd)pyrene	25.132	276	5312	0.36	ng		95
37) Benzo(b)fluoranthene	22.476	252	4202m	0.37	ng		
38) Benzo(k)fluoranthene	22.517	252	4599	0.36	ng	#	94
39) Benzo(a)pyrene	23.003	252	4235	0.38	ng	#	87
40) Dibenzo(a,h)anthracene	25.146	278	4278	0.35	ng	#	89
41) Benzo(g,h,i)perylene	25.748	276	4882	0.38	ng		95

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

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