Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
Data File : BN013221.D
Acq On : 18 Dec 2020 22:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
12/21/2020 10:44:48 AM

Quant Time: Dec 19 01:12:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.338	152	579	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	1690	0.40	ng		#-0.01
13) Acenaphthene-d10	14.004	164	912	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	2058	0.40	ng		# 0.00
29) Chrysene-d12	20.995	240	2061	0.40	ng		#-0.01
36) Perylene-d12	23.085	264	2330	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	907	0.38	ng		0.00
5) Phenol-d6	6.549	99	922	0.38	ng		0.00
8) Nitrobenzene-d5	8.515	82	726	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	11.719	152	1148	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	239	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	1797	0.47	ng		-0.01
27) Fluoranthene-d10	18.821	212	2643	0.39	ng		0.00
31) Terphenyl-d14	19.441	244	2135	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	395	0.39	ng	#	85
3) n-Nitrosodimethylamine	3.279	42	647	0.39	ng	#	93
6) bis(2-Chloroethyl)ether	6.790	93	487	0.32	ng		86
9) Naphthalene	10.150	128	2039	0.39	ng	#	89
10) Hexachlorobutadiene	10.416	225	521	0.47	ng	#	99
12) 2-Methylnaphthalene	11.800	142	1283	0.37	ng	#	92
16) Acenaphthylene	13.724	152	1934	0.40	ng		99
17) Acenaphthene	14.067	154	1251	0.41	ng		89
18) Fluorene	15.069	166	1635	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.247	198	120	0.40	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	196	0.49	ng	#	89
22) Hexachlorobenzene	16.082	284	537	0.38	ng	#	64
23) Atrazine	16.264	200	438	0.36	ng	#	86
24) Pentachlorophenol	16.447	266	208	0.35	ng	#	90
25) Phenanthrene	16.812	178	2593	0.39	ng		99
26) Anthracene	16.909	178	2213	0.37	ng		99
28) Fluoranthene	18.851	202	3195	0.39	ng		99
30) Pyrene	19.218	202	3240	0.40	ng		99
32) Benzo(a)anthracene	20.984	228	2744	0.38	ng		97
33) Chrysene	21.038	228	3239	0.42	ng		96
34) Bis(2-ethylhexyl)phtha...	20.921	149	1406	0.12	ng		99
35) Indeno(1,2,3-cd)pyrene	25.129	276	4353	0.41	ng		94
37) Benzo(b)fluoranthene	22.469	252	3639m	0.44	ng		
38) Benzo(k)fluoranthene	22.514	252	3939	0.42	ng		92
39) Benzo(a)pyrene	23.000	252	3596	0.44	ng	#	86
40) Dibenzo(a,h)anthracene	25.136	278	3640	0.41	ng	#	88
41) Benzo(g,h,i)perylene	25.741	276	4043	0.43	ng		95

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

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