Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111120\
Data File : BN012557.D
Acq On : 12 Nov 2020 10:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
11/12/2020 11:38:38 AM

Quant Time: Nov 12 10:46:33 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 05:46:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.465	152	425	0.40	ng		#-0.02
7) Naphthalene-d8	10.225	136	1770	0.40	ng		#-0.03
13) Acenaphthene-d10	14.116	164	1012	0.40	ng		-0.03
19) Phenanthrene-d10	16.859	188	2106	0.40	ng		#-0.02
29) Chrysene-d12	21.067	240	2323	0.40	ng		#-0.03
36) Perylene-d12	23.189	264	2935	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.074	112	514	0.35	ng		-0.02
5) Phenol-d6	6.644	99	610	0.35	ng		-0.03
8) Nitrobenzene-d5	8.615	82	805	0.38	ng		-0.03
11) 2-Methylnaphthalene-d10	11.829	152	1092	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.613	330	266	0.36	ng		-0.03
15) 2-Fluorobiphenyl	12.733	172	1456	0.37	ng		-0.03
27) Fluoranthene-d10	18.903	212	2479	0.38	ng		-0.02
31) Terphenyl-d14	19.519	244	2125	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.036	88	245	0.37	ng	#	78
3) n-Nitrosodimethylamine	3.358	42	873	0.48	ng	#	50
6) bis(2-Chloroethyl)ether	6.902	93	423	0.36	ng	#	70
9) Naphthalene	10.275	128	1866	0.38	ng		95
10) Hexachlorobutadiene	10.567	225	449	0.41	ng	#	96
12) 2-Methylnaphthalene	11.904	142	1209	0.38	ng	#	83
16) Acenaphthylene	13.824	152	1850	0.36	ng		98
17) Acenaphthene	14.167	154	1175	0.36	ng		88
18) Fluorene	15.169	166	1510	0.37	ng		97
20) 4,6-Dinitro-2-methylph...	15.270	198	176	0.34	ng	#	70
21) 4-Bromophenyl-phenylether	16.068	248	450	0.37	ng		91
22) Hexachlorobenzene	16.177	284	609	0.38	ng	#	76
23) Atrazine	16.348	200	489	0.39	ng	#	93
24) Pentachlorophenol	16.518	266	276	0.37	ng		98
25) Phenanthrene	16.907	178	2340	0.38	ng		98
26) Anthracene	16.993	178	2129	0.37	ng		99
28) Fluoranthene	18.933	202	2796	0.38	ng	#	98
30) Pyrene	19.296	202	2852	0.37	ng		98
32) Benzo(a)anthracene	21.057	228	2684	0.36	ng		98
33) Chrysene	21.110	228	3035	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.004	149	1937	0.39	ng		91
35) Indeno(1,2,3-cd)pyrene	25.271	276	4964	0.43	ng	#	94
37) Benzo(b)fluoranthene	22.563	252	3582m	0.38	ng		
38) Benzo(k)fluoranthene	22.604	252	3791	0.38	ng		92
39) Benzo(a)pyrene	23.097	252	3432	0.37	ng	#	74
40) Dibenzo(a,h)anthracene	25.288	278	3954	0.38	ng		93
41) Benzo(g,h,i)perylene	25.907	276	4161	0.39	ng	#	95

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

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