Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112174.D
Acq On : 21 Jan 2019 23:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/22/2019 9:59:13 AM

Quant Time: Jan 22 01:19:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	210611	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	702763	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	279216	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	488048	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	436623	20.00	ng		0.00
87) Perylene-d12	15.49	264	319529	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	987204	85.08	ng		-0.01
7) Phenol-d6	6.50	99	1146041	78.94	ng		0.00
23) Nitrobenzene-d5	7.42	82	999954	98.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	243786	80.93	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1771087	93.00	ng		0.00
79) Terphenyl-d14	12.96	244	1873934	91.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	212708	39.085	ng		95
3) Pyridine	3.34	79	537078	39.403	ng		98
4) n-Nitrosodimethylamine	3.29	42	215343	38.911	ng		100
6) Aniline	6.52	93	674169	38.180	ng	#	84
8) 2-Chlorophenol	6.65	128	548826	40.725	ng		98
9) Benzaldehyde	6.40	77	310177	39.660	ng		95
10) Phenol	6.51	94	620610	39.114	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	503867	39.940	ng		99
12) 1,3-Dichlorobenzene	6.80	146	630116	40.971	ng		99
13) 1,4-Dichlorobenzene	6.87	146	638199	40.568	ng		97
14) 1,2-Dichlorobenzene	7.03	146	581028	40.096	ng		97
15) Benzyl Alcohol	7.00	79	431074	39.854	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	645019	35.455	ng		93
17) 2-Methylphenol	7.12	107	402712	39.791	ng		97
18) Hexachloroethane	7.37	117	168777	32.144	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	353409	39.958	ng		98
20) 3+4-Methylphenols	7.27	107	503867	41.061	ng	#	74
22) Acetophenone	7.26	105	712845	43.783	ng	#	98
24) Nitrobenzene	7.43	77	503082	46.667	ng		99
25) Isophorone	7.67	82	795768	40.503	ng		97
26) 2-Nitrophenol	7.75	139	213963	39.750	ng		96
27) 2,4-Dimethylphenol	7.79	122	381323	41.812	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	566024	41.999	ng		98
29) 2,4-Dichlorophenol	8.00	162	404009	40.552	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	479374	41.462	ng		98
31) Naphthalene	8.16	128	1312103	41.050	ng		98
32) Benzoic acid	7.90	122	116194m	32.904	ng		
33) 4-Chloroaniline	8.20	127	562247	39.139	ng		99
34) Hexachlorobutadiene	8.27	225	283170	44.011	ng		99
35) Caprolactam	8.57	113	122370	35.094	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	368331	37.853	ng		99
37) 2-Methylnaphthalene	8.85	142	822434	37.891	ng		99
38) 1-Methylnaphthalene	8.95	142	779272	37.358	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	414127	46.189	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	2344	8.449	ng		91
43) 2,4,6-Trichlorophenol	9.13	196	244756	45.632	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	249114	43.608	ng		96
46) 1,1'-Biphenyl	9.31	154	1070064	45.833	ng		99
47) 2-Chloronaphthalene	9.34	162	802961	43.937	ng		98
48) 2-Nitroaniline	9.43	65	215322	52.308	ng		99
49) Acenaphthylene	9.75	152	1109297	41.595	ng		99
50) Dimethylphthalate	9.60	163	935339	45.934	ng		100
51) 2,6-Dinitrotoluene	9.67	165	171742	42.233	ng	#	86
52) Acenaphthene	9.93	154	660901	40.503	ng		99
53) 3-Nitroaniline	9.84	138	220752	48.544	ng		88
54) 2,4-Dinitrophenol	9.97	184	819	8.777	ng	#	1
55) Dibenzofuran	10.10	168	1005113	40.732	ng		99
56) 4-Nitrophenol	10.02	139	108709	36.738	ng		97
57) 2,4-Dinitrotoluene	10.07	165	189102	37.350	ng	#	86
58) Fluorene	10.44	166	724113	39.275	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	168027	38.978	ng		96
60) Diethylphthalate	10.30	149	882305	44.389	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	407383	40.948	ng		96
62) 4-Nitroaniline	10.45	138	219799	48.677	ng		98
63) Azobenzene	10.59	77	714054	37.513	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	5005	12.013	ng		93
66) n-Nitrosodiphenylamine	10.55	169	697040	43.202	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	239843	42.309	ng		99
68) Hexachlorobenzene	10.99	284	250825	41.074	ng		98
69) Atrazine	11.07	200	197829	37.997	ng		98
70) Pentachlorophenol	11.19	266	113564	41.832	ng		96
71) Phenanthrene	11.40	178	1048019	42.669	ng		98
72) Anthracene	11.45	178	1056939	42.480	ng		99
73) Carbazole	11.61	167	1074237	43.100	ng		99
74) Di-n-butylphthalate	11.93	149	1314877	46.899	ng		99
75) Fluoranthene	12.59	202	1191598	45.950	ng		97
77) Benzidine	12.70	184	599689	41.165	ng		97
78) Pyrene	12.82	202	1239445	43.026	ng		99
80) Butylbenzylphthalate	13.43	149	614260	48.606	ng		92
81) Benzo(a)anthracene	14.01	228	1030338	41.156	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	461049	49.176	ng	#	98
83) Chrysene	14.05	228	976006	41.202	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	918634	50.720	ng	#	98
85) Di-n-octyl phthalate	14.60	149	1413598	50.656	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	694244	31.767	ng		98
88) Benzo(b)fluoranthene	15.06	252	787806	43.435	ng		99
89) Benzo(k)fluoranthene	15.09	252	743359	42.345	ng		99
90) Benzo(a)pyrene	15.43	252	693181	41.674	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	597665	40.455	ng		98
92) Benzo(g,h,i)perylene	17.42	276	560447	38.507	ng		97

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

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