Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100156.D
Acq On : 4 Nov 2017 2:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/4/2017 2:19:10 PM

Quant Time: Nov 04 02:49:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103298	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	430093	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	191340	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	309740	20.00	ng		0.00
75) Chrysene-d12	13.95	240	177069	20.00	ng		0.00
86) Perylene-d12	15.42	264	196644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	557717	84.76	ng		0.00
7) Phenol-d6	6.43	99	637195	81.67	ng		0.00
23) Nitrobenzene-d5	7.35	82	527176	78.91	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	132207	75.82	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	994803	80.21	ng		0.00
78) Terphenyl-d14	12.88	244	712193	87.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	112503	38.720	ng	#	88
3) Pyridine	3.20	79	283582m	40.586	ng		
4) n-Nitrosodimethylamine	3.18	42	101392	40.619	ng	#	64
6) Aniline	6.45	93	410110	40.542	ng		91
8) 2-Chlorophenol	6.56	128	293112	41.799	ng		91
9) Benzaldehyde	6.33	77	174838	37.503	ng		93
10) Phenol	6.44	94	336808	39.321	ng	#	71
11) bis(2-Chloroethyl)ether	6.51	93	273578	41.360	ng		94
12) 1,3-Dichlorobenzene	6.71	146	323013m	41.024	ng		
13) 1,4-Dichlorobenzene	6.79	146	332986	41.669	ng		97
14) 1,2-Dichlorobenzene	6.94	146	293082	40.242	ng		98
15) Benzyl Alcohol	6.93	79	199699	40.250	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	289435	39.391	ng	#	3
17) 2-Methylphenol	7.04	107	247830	42.250	ng	#	95
18) Hexachloroethane	7.27	117	104769	39.297	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	182551	39.929	ng	#	87
20) 3+4-Methylphenols	7.20	107	295031	43.196	ng	#	73
22) Acetophenone	7.19	105	388776	39.700	ng	#	94
24) Nitrobenzene	7.37	77	263932	39.210	ng		89
25) Isophorone	7.60	82	492764	40.650	ng		97
26) 2-Nitrophenol	7.68	139	164510	42.671	ng	#	85
27) 2,4-Dimethylphenol	7.72	122	233755	41.151	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	339569	39.998	ng		99
29) 2,4-Dichlorophenol	7.93	162	250068	42.377	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	251302	39.857	ng		96
31) Naphthalene	8.07	128	815403	39.276	ng		99
32) Benzoic acid	7.90	122	182527m	36.505	ng		
33) 4-Chloroaniline	8.14	127	353964	41.289	ng	#	94
34) Hexachlorobutadiene	8.18	225	129729	40.002	ng		99
35) Caprolactam	8.54	113	76785	41.378	ng	#	70
36) 4-Chloro-3-methylphenol	8.63	107	238183	39.546	ng		93
37) 2-Methylnaphthalene	8.77	142	545898	39.237	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251869	40.757	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	11780	20.731	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	153709	41.120	ng		97
43) 2,4,5-Trichlorophenol	9.11	196	155770	39.269	ng		93
45) 1,1'-Biphenyl	9.23	154	694613	40.129	ng		97
46) 2-Chloronaphthalene	9.26	162	497845	39.603	ng		95
47) 2-Nitroaniline	9.37	65	133642	40.506	ng	#	77
48) Acenaphthylene	9.67	152	754240	38.956	ng		99
49) Dimethylphthalate	9.54	163	573112	37.823	ng		99
50) 2,6-Dinitrotoluene	9.62	165	128409	40.311	ng	#	81
51) Acenaphthene	9.85	154	463559	39.184	ng		97
52) 3-Nitroaniline	9.79	138	150362	40.061	ng		85
53) 2,4-Dinitrophenol	9.94	184	17809	18.902	ng	#	74
54) Dibenzofuran	10.02	168	676769	40.527	ng		98
55) 4-Nitrophenol	9.98	139	62789	32.017	ng	#	74
56) 2,4-Dinitrotoluene	10.03	165	166173	43.317	ng	#	83
57) Fluorene	10.36	166	530930	38.399	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.15	232	113356	40.757	ng	#	88
59) Diethylphthalate	10.23	149	573262	38.741	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	258661	39.750	ng		95
61) 4-Nitroaniline	10.41	138	134643	37.600	ng		85
62) Azobenzene	10.51	77	461236	37.184	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	41068	21.093	ng	#	78
65) n-Nitrosodiphenylamine	10.47	169	493135	43.129	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	140384	43.052	ng	#	86
67) Hexachlorobenzene	10.91	284	137128	41.106	ng		97
68) Atrazine	11.00	200	147722	43.010	ng		98
69) Pentachlorophenol	11.12	266	55878	39.200	ng		99
70) Phenanthrene	11.33	178	684325	39.149	ng		98
71) Anthracene	11.38	178	693313	39.075	ng		100
72) Carbazole	11.54	167	636051	38.120	ng		98
73) Di-n-butylphthalate	11.85	149	852441	40.055	ng		99
74) Fluoranthene	12.52	202	587815	32.358	ng		97
76) Benzidine	12.64	184	308790	39.854	ng		99
77) Pyrene	12.75	202	578142	42.939	ng		99
79) Butylbenzylphthalate	13.35	149	283050	42.691	ng		87
80) Benzo(a)anthracene	13.94	228	434149	38.677	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	156093	38.309	ng		98
82) Chrysene	13.98	228	409391	38.794	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	357787	38.427	ng		99
84) Di-n-octyl phthalate	14.52	149	591879	37.037	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.89	276	437010	45.109	ng		97
87) Benzo(b)fluoranthene	14.99	252	442232	35.615	ng		98
88) Benzo(k)fluoranthene	15.02	252	456688	39.003	ng		99
89) Benzo(a)pyrene	15.36	252	433304	38.847	ng		97
90) Dibenzo(a,h)anthracene	16.89	278	373432	37.678	ng		99
91) Benzo(g,h,i)perylene	17.33	276	352628	36.366	ng		98

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

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