Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092366.D
Acq On : 20 Jan 2017 11:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/23/2017 2:44:39 PM

Quant Time: Jan 20 13:09:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 13:01:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	115357m	20.00	ng		-0.12
21) Naphthalene-d8	7.81	136	480076	20.00	ng		-0.12
38) Acenaphthene-d10	9.56	164	369977	20.00	ng		-0.12
63) Phenanthrene-d10	11.03	188	619675	20.00	ng		-0.12
75) Chrysene-d12	13.66	240	451517	20.00	ng		-0.12
86) Perylene-d12	15.01	264	441105	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	683457	98.93	ng		-0.15
7) Phenol-d6	6.19	99	688860	81.67	ng		-0.12
23) Nitrobenzene-d5	7.10	82	776217	89.91	ng		-0.11
41) 2,4,6-Tribromophenol	10.35	330	244307	79.79	ng		-0.12
44) 2-Fluorobiphenyl	8.90	172	1732524	97.91	ng		-0.11
78) Terphenyl-d14	12.62	244	1614345	86.71	ng		-0.12
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	224995	66.15	ng		99
3) Pyridine	2.52	79	453935	38.24	ng		99
4) n-Nitrosodimethylamine	2.48	42	164930	36.83	ng		90
6) Aniline	6.19	93	485684m	44.33	ng		
8) 2-Chlorophenol	6.31	128	327456	41.67	ng		90
9) Benzaldehyde	6.06	77	236159	59.65	ng		89
10) Phenol	6.20	94	454500m	47.29	ng		
11) bis(2-Chloroethyl)ether	6.27	93	366007	47.86	ng		99
12) 1,3-Dichlorobenzene	6.46	146	361113	43.04	ng		97
13) 1,4-Dichlorobenzene	6.54	146	373901m	43.79	ng		
14) 1,2-Dichlorobenzene	6.69	146	360365	48.64	ng		100
15) Benzyl Alcohol	6.69	79	316514	48.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.82	45	506176	44.44	ng	#	17
17) 2-Methylphenol	6.82	107	285001m	45.09	ng		
18) Hexachloroethane	7.03	117	148937	47.05	ng		97
19) n-Nitroso-di-n-propylamine	6.95	70	248901	44.36	ng		95
20) 3+4-Methylphenols	6.98	107	388271	51.51	ng	#	73
22) Acetophenone	6.95	105	541914	45.77	ng	#	90
24) Nitrobenzene	7.11	77	351602	38.24	ng		98
25) Isophorone	7.36	82	637134	40.00	ng		97
26) 2-Nitrophenol	7.43	139	168698	37.20	ng	#	87
27) 2,4-Dimethylphenol	7.49	122	264085	35.11	ng		95
28) bis(2-Chloroethoxy)methane	7.58	93	395855	40.98	ng		99
29) 2,4-Dichlorophenol	7.70	162	256331	40.25	ng		95
30) 1,2,4-Trichlorobenzene	7.75	180	274048	39.27	ng	#	93
31) Naphthalene	7.83	128	962057	43.79	ng		99
32) Benzoic acid	7.66	122	195207m	34.99	ng		
33) 4-Chloroaniline	7.90	127	397222	40.09	ng	#	94
34) Hexachlorobutadiene	7.96	225	162106	44.00	ng		97
35) Caprolactam	8.28	113	89751	42.88	ng	#	59
36) 4-Chloro-3-methylphenol	8.40	107	422927	57.71	ng		89
37) 2-Methylnaphthalene	8.52	142	865350	57.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	368910	39.47	ng		98
40) Hexachlorocyclopentadiene	8.68	237	125037	32.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	250999	38.40	ng		96
43) 2,4,5-Trichlorophenol	8.86	196	267855	39.81	ng		98
45) 1,1'-Biphenyl	8.99	154	1028195	40.59	ng		96
46) 2-Chloronaphthalene	9.01	162	811319	40.44	ng		96
47) 2-Nitroaniline	9.12	65	305381	42.75	ng	#	78
48) Acenaphthylene	9.42	152	1261638	40.89	ng		99
49) Dimethylphthalate	9.31	163	1006145	42.52	ng		100
50) 2,6-Dinitrotoluene	9.36	165	208016	40.16	ng	#	77
51) Acenaphthene	9.59	154	825130	39.45	ng		99
52) 3-Nitroaniline	9.54	138	293698	45.82	ng		89
53) 2,4-Dinitrophenol	9.66	184	118059	40.97	ng	#	90
54) Dibenzofuran	9.76	168	1088685	38.54	ng		98
55) 4-Nitrophenol	9.73	139	143256m	32.92	ng		
56) 2,4-Dinitrotoluene	9.78	165	285453	43.91	ng	#	73
57) Fluorene	10.11	166	902749	43.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	207605	39.02	ng		96
59) Diethylphthalate	9.99	149	953735	41.50	ng		98
60) 4-Chlorophenyl-phenylether	10.11	204	371619	41.30	ng	#	78
61) 4-Nitroaniline	10.15	138	290565	43.75	ng	#	77
62) Azobenzene	10.26	77	1022849	40.43	ng		97
64) 4,6-Dinitro-2-methylphenol	10.19	198	165568	44.19	ng		99
65) n-Nitrosodiphenylamine	10.22	169	752268	40.91	ng		98
66) 4-Bromophenyl-phenylether	10.59	248	256915	39.86	ng		91
67) Hexachlorobenzene	10.66	284	279484	40.56	ng	#	91
68) Atrazine	10.76	200	232328	39.17	ng		99
69) Pentachlorophenol	10.86	266	145399	43.01	ng		100
70) Phenanthrene	11.06	178	1264910	37.64	ng		99
71) Anthracene	11.11	178	1421079	49.31	ng		98
72) Carbazole	11.27	167	1227014	43.83	ng		98
73) Di-n-butylphthalate	11.62	149	1560793	49.43	ng		98
74) Fluoranthene	12.25	202	1442586	49.30	ng		92
76) Benzidine	12.37	184	565398	50.61	ng		99
77) Pyrene	12.46	202	1364862	41.20	ng		99
79) Butylbenzylphthalate	13.10	149	672912	44.66	ng		91
80) Benzo(a)anthracene	13.65	228	1121858	44.02	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	461444	47.74	ng	#	96
82) Chrysene	13.70	228	1184096	46.32	ng		97
83) Bis(2-ethylhexyl)phthalate	13.66	149	819293	46.17	ng		100
84) Di-n-octyl phthalate	14.28	149	1538741	46.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.22	276	896983	40.50	ng		99
87) Benzo(b)fluoranthene	14.66	252	1052745m	38.33	ng		
88) Benzo(k)fluoranthene	14.68	252	955637m	40.81	ng		
89) Benzo(a)pyrene	14.97	252	1007157	41.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.22	278	765230	38.19	ng		97
91) Benzo(g,h,i)perylene	16.58	276	776842	37.29	ng	#	95

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

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