Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092556.D
Acq On : 27 Jan 2017 5:37
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/27/2017 3:03:24 PM

Quant Time: Jan 27 06:34:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166080	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	692362	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	389422	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	619928	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	487576	20.00	ng		0.00
86) Perylene-d12	15.64	264	397256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	801867	75.12	ng		0.01
7) Phenol-d6	6.60	99	1056274	77.68	ng		0.01
23) Nitrobenzene-d5	7.54	82	945232	74.58	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	214490	80.83	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1619811	76.92	ng		-0.01
78) Terphenyl-d14	13.10	244	1387557	75.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	219057	38.59	ng	#	83
3) Pyridine	3.37	79	654967	40.52	ng	#	80
4) n-Nitrosodimethylamine	3.33	42	294099	37.09	ng		80
6) Aniline	6.64	93	824911	40.67	ng	#	44
8) 2-Chlorophenol	6.75	128	446418	39.81	ng		87
9) Benzaldehyde	6.51	77	341993	35.44	ng		87
10) Phenol	6.61	94	637844	38.87	ng	#	75
11) bis(2-Chloroethyl)ether	6.70	93	466300	37.97	ng		92
12) 1,3-Dichlorobenzene	6.91	146	527622	39.79	ng	#	93
13) 1,4-Dichlorobenzene	6.99	146	557112	41.74	ng		96
14) 1,2-Dichlorobenzene	7.14	146	478025	37.76	ng		97
15) Benzyl Alcohol	7.12	79	420137	41.00	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	925623	38.11	ng		93
17) 2-Methylphenol	7.23	107	401360	41.89	ng		95
18) Hexachloroethane	7.49	117	188400	40.98	ng		90
19) n-Nitroso-di-n-propylamine	7.39	70	331698	35.82	ng		93
20) 3+4-Methylphenols	7.38	107	440224	37.88	ng		89
22) Acetophenone	7.39	105	657127	39.85	ng	#	97
24) Nitrobenzene	7.56	77	548098	41.28	ng		95
25) Isophorone	7.80	82	934059	37.40	ng		95
26) 2-Nitrophenol	7.88	139	268382	48.24	ng	#	84
27) 2,4-Dimethylphenol	7.92	122	438122	37.86	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	623696	38.04	ng		98
29) 2,4-Dichlorophenol	8.12	162	419666	41.83	ng		92
30) 1,2,4-Trichlorobenzene	8.20	180	407061	37.54	ng		94
31) Naphthalene	8.29	128	1369862	38.66	ng		98
32) Benzoic acid	8.03	122	267389	32.58	ng		96
33) 4-Chloroaniline	8.34	127	624438	41.65	ng		98
34) Hexachlorobutadiene	8.41	225	233713	39.40	ng		99
35) Caprolactam	8.73	113	142136	42.43	ng	#	74
36) 4-Chloro-3-methylphenol	8.82	107	416456	38.49	ng		96
37) 2-Methylnaphthalene	8.98	142	829286	36.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	407187	41.45	ng		100
40) Hexachlorocyclopentadiene	9.14	237	163242	33.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	293288m	38.97	ng		
43) 2,4,5-Trichlorophenol	9.30	196	282654m	41.04	ng		
45) 1,1'-Biphenyl	9.45	154	1003350	35.64	ng		96
46) 2-Chloronaphthalene	9.48	162	884947	38.49	ng		94
47) 2-Nitroaniline	9.57	65	334673	43.22	ng		95
48) Acenaphthylene	9.89	152	1317147	39.06	ng		99
49) Dimethylphthalate	9.76	163	1024909	41.39	ng		100
50) 2,6-Dinitrotoluene	9.81	165	207238	40.94	ng	#	78
51) Acenaphthene	10.06	154	790048	37.70	ng		97
52) 3-Nitroaniline	9.98	138	253183	39.94	ng		100
53) 2,4-Dinitrophenol	10.09	184	101094	43.02	ng	#	86
54) Dibenzofuran	10.24	168	1070845	37.63	ng		96
55) 4-Nitrophenol	10.14	139	202692	40.26	ng		91
56) 2,4-Dinitrotoluene	10.21	165	269860	40.17	ng		94
57) Fluorene	10.58	166	802717	38.05	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	200649	38.89	ng		100
59) Diethylphthalate	10.45	149	941929	39.67	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	397233	38.82	ng		96
61) 4-Nitroaniline	10.60	138	248581	39.21	ng		94
62) Azobenzene	10.73	77	1003254	37.13	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	137480	41.86	ng	#	47
65) n-Nitrosodiphenylamine	10.69	169	812188	41.95	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	247068	39.47	ng	#	88
67) Hexachlorobenzene	11.13	284	242757	38.37	ng	#	85
68) Atrazine	11.22	200	247470	37.35	ng		99
69) Pentachlorophenol	11.32	266	145910	36.07	ng		97
70) Phenanthrene	11.55	178	1369416	40.11	ng		98
71) Anthracene	11.60	178	1341172	40.20	ng		99
72) Carbazole	11.76	167	1298237	40.75	ng		98
73) Di-n-butylphthalate	12.09	149	1579036	43.35	ng	#	96
74) Fluoranthene	12.74	202	1453199	43.52	ng		94
76) Benzidine	12.85	184	540782	29.88	ng		97
77) Pyrene	12.97	202	1506331	42.64	ng		99
79) Butylbenzylphthalate	13.59	149	683724	47.77	ng	#	80
80) Benzo(a)anthracene	14.16	228	1043566	39.83	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	384893	38.69	ng		97
82) Chrysene	14.19	228	1057168	37.78	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	866911	48.10	ng	#	95
84) Di-n-octyl phthalate	14.75	149	1509961	46.15	ng		97
85) Indeno(1,2,3-cd)pyrene	17.14	276	873896	42.21	ng	#	94
87) Benzo(b)fluoranthene	15.21	252	926898	36.34	ng		99
88) Benzo(k)fluoranthene	15.24	252	949149m	44.76	ng		
89) Benzo(a)pyrene	15.59	252	877274	40.66	ng		97
90) Dibenzo(a,h)anthracene	17.16	278	769238	44.09	ng		97
91) Benzo(g,h,i)perylene	17.59	276	767298	43.49	ng	#	90

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

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