Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096103.D
Acq On : 22 Jun 2017 2:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/22/2017 6:02:45 PM

Quant Time: Jun 22 04:24:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	91126	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	360189	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	118971	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	203367	20.00	ng		0.00
75) Chrysene-d12	18.27	240	171617	20.00	ng		0.00
86) Perylene-d12	19.94	264	121788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	469105	82.03	ng		0.00
7) Phenol-d6	6.87	99	520249	75.99	ng		0.00
23) Nitrobenzene-d5	8.22	82	438989	75.69	ng		0.00
41) 2,4,6-Tribromophenol	13.44	330	78137	74.23	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	853744	99.86	ng		0.00
78) Terphenyl-d14	16.93	244	652822	94.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	128592m	47.27	ng		
3) Pyridine	2.12	79	243391	38.07	ng		95
4) n-Nitrosodimethylamine	2.10	42	97603	40.15	ng		83
6) Aniline	6.79	93	345195	38.54	ng		95
8) 2-Chlorophenol	6.99	128	236211	38.85	ng		94
9) Benzaldehyde	6.60	77	192064	41.59	ng		98
10) Phenol	6.89	94	283144	39.87	ng		92
11) bis(2-Chloroethyl)ether	6.94	93	227079	40.36	ng		98
12) 1,3-Dichlorobenzene	7.19	146	295356	42.91	ng		98
13) 1,4-Dichlorobenzene	7.32	146	290347	41.60	ng		96
14) 1,2-Dichlorobenzene	7.55	146	249993	38.85	ng		97
15) Benzyl Alcohol	7.61	79	172200	36.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.79	45	303129	38.35	ng		98
17) 2-Methylphenol	7.85	107	197699	38.74	ng		94
18) Hexachloroethane	8.06	117	65027	28.21	ng	#	81
19) n-Nitroso-di-n-propylamine	8.03	70	167006	38.49	ng		96
20) 3+4-Methylphenols	8.11	107	262756	40.56	ng	#	58
22) Acetophenone	7.99	105	326025	38.67	ng	#	84
24) Nitrobenzene	8.25	77	237399	38.32	ng		93
25) Isophorone	8.65	82	452040	41.74	ng		96
26) 2-Nitrophenol	8.77	139	62632	19.31	ng		95
27) 2,4-Dimethylphenol	8.92	122	202466	40.21	ng		99
28) bis(2-Chloroethoxy)methane	9.03	93	306409	42.92	ng		98
29) 2,4-Dichlorophenol	9.20	162	183071	37.76	ng		98
30) 1,2,4-Trichlorobenzene	9.26	180	206574	40.94	ng		99
31) Naphthalene	9.36	128	737558	40.80	ng		99
32) Benzoic acid	9.36	122	38540m	16.06	ng		
33) 4-Chloroaniline	9.52	127	275994	39.06	ng	#	93
34) Hexachlorobutadiene	9.58	225	104498	40.08	ng		98
35) Caprolactam	10.16	113	51042	35.38	ng		90
36) 4-Chloro-3-methylphenol	10.40	107	178857	35.24	ng		90
37) 2-Methylnaphthalene	10.49	142	452519	37.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	167150	46.94	ng		98
42) 2,4,6-Trichlorophenol	11.01	196	98470	43.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.12	196	94313	38.73	ng		91
45) 1,1'-Biphenyl	11.26	154	435774	44.44	ng		97
46) 2-Chloronaphthalene	11.27	162	322338	42.07	ng		94
47) 2-Nitroaniline	11.50	65	97773	43.61	ng	#	82
48) Acenaphthylene	11.92	152	512506	39.12	ng		98
49) Dimethylphthalate	11.81	163	382317	42.32	ng		99
50) 2,6-Dinitrotoluene	11.91	165	63149	32.05	ng	#	62
51) Acenaphthene	12.20	154	300696	39.74	ng		99
52) 3-Nitroaniline	12.18	138	102932	44.84	ng		92
54) Dibenzofuran	12.49	168	421205	39.55	ng		100
55) 4-Nitrophenol	12.68	139	33843m	28.42	ng		
56) 2,4-Dinitrotoluene	12.59	165	78893	29.64	ng	#	90
57) Fluorene	13.04	166	361726	39.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.75	232	54788m	32.88	ng		
59) Diethylphthalate	12.95	149	364030	41.88	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	160340	39.79	ng		88
61) 4-Nitroaniline	13.18	138	101162	47.20	ng		96
62) Azobenzene	13.33	77	292951	37.18	ng		93
65) n-Nitrosodiphenylamine	13.28	169	299266	40.95	ng		99
66) 4-Bromophenyl-phenylether	13.85	248	85780	40.59	ng		93
67) Hexachlorobenzene	13.94	284	85375	40.99	ng	#	93
68) Atrazine	14.20	200	78016	38.36	ng		98
69) Pentachlorophenol	14.32	266	17177	26.56	ng		99
70) Phenanthrene	14.58	178	480742	40.97	ng		98
71) Anthracene	14.66	178	508283	41.49	ng		98
72) Carbazole	14.97	167	526671	44.12	ng		97
73) Di-n-butylphthalate	15.56	149	604817	47.62	ng		99
74) Fluoranthene	16.37	202	544415	46.88	ng		99
76) Benzidine	16.60	184	336487	51.05	ng	#	94
77) Pyrene	16.67	202	544699	42.54	ng		99
79) Butylbenzylphthalate	17.59	149	266007	47.57	ng	#	84
80) Benzo(a)anthracene	18.26	228	406487	40.74	ng		97
81) 3,3'-Dichlorobenzidine	18.24	252	156008	43.98	ng	#	97
82) Chrysene	18.30	228	397637	39.88	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	353313	44.79	ng	#	99
84) Di-n-octyl phthalate	19.11	149	642560	49.43	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	304842	35.73	ng		99
87) Benzo(b)fluoranthene	19.54	252	341022	44.72	ng		98
88) Benzo(k)fluoranthene	19.57	252	315863m	43.33	ng		
89) Benzo(a)pyrene	19.89	252	286455	40.87	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	259943	43.72	ng		97
91) Benzo(g,h,i)perylene	21.43	276	224804	37.09	ng		97

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

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