Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095288.D
Acq On : 20 May 2017 6:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/22/2017 1:30:17 PM

Quant Time: May 20 07:14:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	110341	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	430350	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	172171	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	246877	20.00	ng		0.00
75) Chrysene-d12	18.69	240	232048	20.00	ng		0.00
86) Perylene-d12	20.36	264	174751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	555177	83.89	ng		-0.02
7) Phenol-d6	7.31	99	671478	84.56	ng		0.00
23) Nitrobenzene-d5	8.67	82	572813	83.93	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	103249	73.22	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	1067722	89.26	ng		0.00
78) Terphenyl-d14	17.34	244	723820	68.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	114146	35.17	ng		93
3) Pyridine	2.88	79	271904	36.14	ng		97
4) n-Nitrosodimethylamine	2.81	42	100932m	32.19	ng		
6) Aniline	7.27	93	442548	44.14	ng		95
8) 2-Chlorophenol	7.45	128	322047	42.75	ng		96
9) Benzaldehyde	7.08	77	187923	38.76	ng		99
10) Phenol	7.32	94	317460	37.94	ng		88
11) bis(2-Chloroethyl)ether	7.40	93	282830	40.94	ng		96
12) 1,3-Dichlorobenzene	7.67	146	342864	40.12	ng		98
13) 1,4-Dichlorobenzene	7.79	146	350213	40.41	ng		98
14) 1,2-Dichlorobenzene	8.02	146	337828	41.76	ng		96
15) Benzyl Alcohol	8.05	79	214354	41.97	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	386419	39.52	ng		53
17) 2-Methylphenol	8.25	107	254039	41.21	ng		94
18) Hexachloroethane	8.54	117	107386	36.58	ng	#	87
19) n-Nitroso-di-n-propylamine	8.47	70	216397	40.29	ng		94
20) 3+4-Methylphenols	8.52	107	336408	40.16	ng	#	60
22) Acetophenone	8.44	105	423334	41.00	ng	#	83
24) Nitrobenzene	8.70	77	294300	41.14	ng		94
25) Isophorone	9.10	82	522330	42.86	ng	#	94
26) 2-Nitrophenol	9.20	139	156768	40.61	ng		97
27) 2,4-Dimethylphenol	9.34	122	263223	42.18	ng		97
28) bis(2-Chloroethoxy)methane	9.46	93	357495	42.41	ng		100
29) 2,4-Dichlorophenol	9.62	162	248626	42.19	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	256064	40.56	ng		99
31) Naphthalene	9.81	128	870525	40.25	ng		100
32) Benzoic acid	9.65	122	124731m	32.30	ng		
33) 4-Chloroaniline	9.95	127	346669	43.01	ng	#	94
34) Hexachlorobutadiene	10.03	225	126450	37.96	ng		99
35) Caprolactam	10.59	113	65250m	36.88	ng		
36) 4-Chloro-3-methylphenol	10.81	107	253270	40.20	ng		89
37) 2-Methylnaphthalene	10.94	142	570460	40.19	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	233694	44.14	ng		97
40) Hexachlorocyclopentadiene	11.19	237	11144	10.68	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	161952	45.81	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	154127	40.56	ng		94
45) 1,1'-Biphenyl	11.71	154	654009	45.12	ng		99
46) 2-Chloronaphthalene	11.72	162	492882	42.11	ng		97
47) 2-Nitroaniline	11.94	65	139373	43.50	ng	#	78
48) Acenaphthylene	12.38	152	760682	41.49	ng		99
49) Dimethylphthalate	12.25	163	596790	42.22	ng		99
50) 2,6-Dinitrotoluene	12.35	165	121644	42.19	ng		94
51) Acenaphthene	12.67	154	436832	39.89	ng		100
52) 3-Nitroaniline	12.62	138	132016	42.66	ng		89
53) 2,4-Dinitrophenol	12.89	184	7676	10.70	ng	#	62
54) Dibenzofuran	12.95	168	621831	41.04	ng		98
55) 4-Nitrophenol	13.05	139	54527	29.33	ng	#	74
56) 2,4-Dinitrotoluene	13.02	165	140262	37.85	ng		94
57) Fluorene	13.51	166	507024	38.48	ng		97
58) 2,3,4,6-Tetrachlorophenol	13.20	232	92611	38.73	ng	#	96
59) Diethylphthalate	13.40	149	578471	42.70	ng		99
60) 4-Chlorophenyl-phenylether	13.53	204	239676	41.39	ng		90
61) 4-Nitroaniline	13.62	138	98402	34.63	ng		97
62) Azobenzene	13.79	77	422807	38.84	ng		93
64) 4,6-Dinitro-2-methylphenol	13.70	198	21026	12.70	ng	#	67
65) n-Nitrosodiphenylamine	13.74	169	430194	48.01	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	127822	49.01	ng		98
67) Hexachlorobenzene	14.41	284	115701	43.28	ng	#	88
68) Atrazine	14.66	200	111986	44.27	ng		94
69) Pentachlorophenol	14.77	266	66955	57.20	ng		95
70) Phenanthrene	15.05	178	581262	40.98	ng		98
71) Anthracene	15.14	178	590935	40.78	ng		99
72) Carbazole	15.42	167	530974	40.28	ng		97
73) Di-n-butylphthalate	15.98	149	791520	48.14	ng		98
74) Fluoranthene	16.79	202	590219	40.56	ng		98
76) Benzidine	17.02	184	661147	97.48	ng	#	94
77) Pyrene	17.10	202	603952	34.80	ng		98
79) Butylbenzylphthalate	17.99	149	287335	35.60	ng	#	86
80) Benzo(a)anthracene	18.68	228	524954	38.87	ng		98
81) 3,3'-Dichlorobenzidine	18.65	252	189426	40.61	ng	#	96
82) Chrysene	18.72	228	523492	40.09	ng		99
83) Bis(2-ethylhexyl)phthalate	18.74	149	392350	34.11	ng	#	96
84) Di-n-octyl phthalate	19.51	149	723717	38.38	ng		95
85) Indeno(1,2,3-cd)pyrene	21.69	276	370861	34.97	ng		100
87) Benzo(b)fluoranthene	19.95	252	409085	37.88	ng		98
88) Benzo(k)fluoranthene	19.98	252	478917	45.98	ng		96
89) Benzo(a)pyrene	20.31	252	400894	40.23	ng		99
90) Dibenzo(a,h)anthracene	21.69	278	319750	38.86	ng		98
91) Benzo(g,h,i)perylene	22.08	276	313934	38.88	ng		97

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

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