Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086752.D
Acq On : 7 May 2016 4:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:25 PM

Quant Time: May 07 05:16:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	208650	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	872109	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	389335	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	671309	40.00	ng		-0.01
75) Chrysene-d12	13.86	240	449923	40.00	ng		0.00
86) Perylene-d12	15.23	264	393584	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1042439	82.71	ng		-0.01
7) Phenol-d6	6.37	99	1210317	71.29	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1337572	78.81	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	287139	75.39	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1859220	78.28	ng		-0.01
78) Terphenyl-d14	12.81	244	1702846	76.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	242911	37.29	ng	#	73
3) Pyridine	2.96	79	565823	35.42	ng	#	69
4) n-Nitrosodimethylamine	2.88	42	428616	44.24	ng	#	51
6) Aniline	6.38	93	758872	36.22	ng	#	13
8) 2-Chlorophenol	6.50	128	588591	38.92	ng		91
9) Benzaldehyde	6.26	77	337620	39.86	ng		98
10) Phenol	6.38	94	742512	39.98	ng	#	50
11) bis(2-Chloroethyl)ether	6.45	93	554401	34.68	ng		87
12) 1,3-Dichlorobenzene	6.65	146	658544	41.01	ng		97
13) 1,4-Dichlorobenzene	6.73	146	659565	39.72	ng		98
14) 1,2-Dichlorobenzene	6.88	146	523820	36.23	ng		96
15) Benzyl Alcohol	6.88	79	453026	41.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1278879	39.13	ng	#	50
17) 2-Methylphenol	6.99	107	465818m	38.25	ng		
18) Hexachloroethane	7.22	117	261801	41.76	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	434328	37.44	ng	#	66
20) 3+4-Methylphenols	7.15	107	584512	40.99	ng	#	60
22) Acetophenone	7.14	105	867901	42.71	ng	#	96
24) Nitrobenzene	7.30	77	649594	37.02	ng		94
25) Isophorone	7.55	82	1238983	39.20	ng		99
26) 2-Nitrophenol	7.62	139	333508	42.60	ng	#	81
27) 2,4-Dimethylphenol	7.68	122	524989	38.19	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	658565	37.86	ng		98
29) 2,4-Dichlorophenol	7.87	162	476336	40.30	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	520184	39.45	ng		97
31) Naphthalene	8.02	128	1694554	38.03	ng		99
32) Benzoic acid	7.84	122	380526	66.93	ng	#	79
33) 4-Chloroaniline	8.08	127	606444	35.13	ng	#	89
34) Hexachlorobutadiene	8.13	225	287515	38.41	ng		97
35) Caprolactam	8.49	113	129255	35.33	ng	#	52
36) 4-Chloro-3-methylphenol	8.58	107	551723	40.92	ng		100
37) 2-Methylnaphthalene	8.70	142	950618	36.16	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	494475	43.88	ng		98
40) Hexachlorocyclopentadiene	8.85	237	254116	51.31	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	304891	42.55	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	323037	43.15	ng	#	86
45) 1,1'-Biphenyl	9.17	154	1263834	39.71	ng		96
46) 2-Chloronaphthalene	9.20	162	973503	39.63	ng		94
47) 2-Nitroaniline	9.30	65	337571	38.66	ng	#	70
48) Acenaphthylene	9.61	152	1374238	37.69	ng		99
49) Dimethylphthalate	9.48	163	1177524	40.57	ng		98
50) 2,6-Dinitrotoluene	9.55	165	276074	44.32	ng	#	80
51) Acenaphthene	9.78	154	882018	36.67	ng		99
52) 3-Nitroaniline	9.72	138	269368	38.04	ng		98
53) 2,4-Dinitrophenol	9.82	184	102463	52.49	ng		88
54) Dibenzofuran	9.95	168	1090946	36.59	ng		93
55) 4-Nitrophenol	9.89	139	149011	36.10	ng	#	39
56) 2,4-Dinitrotoluene	9.95	165	312910	40.54	ng	#	88
57) Fluorene	10.29	166	970254	40.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240101	43.67	ng		98
59) Diethylphthalate	10.18	149	1031351	37.54	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	432818	37.68	ng		94
61) 4-Nitroaniline	10.34	138	259765	38.18	ng	#	77
62) Azobenzene	10.44	77	1141178	37.49	ng		83
64) 4,6-Dinitro-2-methylphenol	10.35	198	166020	48.68	ng	#	24
65) n-Nitrosodiphenylamine	10.41	169	802092	37.63	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	270535	40.55	ng		97
67) Hexachlorobenzene	10.83	284	318108	39.10	ng	#	58
68) Atrazine	10.94	200	240366	36.80	ng		96
69) Pentachlorophenol	11.04	266	184574	49.17	ng		96
70) Phenanthrene	11.25	178	1473234	40.86	ng		99
71) Anthracene	11.30	178	1339890	35.49	ng		99
72) Carbazole	11.46	167	1182228	36.05	ng		98
73) Di-n-butylphthalate	11.79	149	1533192	39.39	ng	#	97
74) Fluoranthene	12.43	202	1397104	38.66	ng		96
76) Benzidine	12.57	184	445396	37.89	ng		96
77) Pyrene	12.66	202	1463025	40.79	ng		99
79) Butylbenzylphthalate	13.29	149	679972	45.26	ng		92
80) Benzo(a)anthracene	13.84	228	995103	39.11	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	690315	43.17	ng		98
82) Chrysene	13.88	228	1129887	41.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	842244	48.44	ng	#	99
84) Di-n-octyl phthalate	14.45	149	1380742	53.97	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.53	276	932472	40.04	ng		96
87) Benzo(b)fluoranthene	14.85	252	1091456m	46.15	ng		
88) Benzo(k)fluoranthene	14.88	252	783553m	35.16	ng		
89) Benzo(a)pyrene	15.17	252	845139	38.80	ng	#	97
90) Dibenzo(a,h)anthracene	16.55	278	773175	36.95	ng		97
91) Benzo(g,h,i)perylene	16.92	276	756000	34.41	ng	#	93

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

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