Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086815.D
Acq On : 8 May 2016 11:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:38 PM

Quant Time: May 09 03:17:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	248366	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	973235	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	416361	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	638598	40.00	ng		-0.03
75) Chrysene-d12	13.86	240	434800	40.00	ng		-0.02
86) Perylene-d12	15.23	264	429267	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1290142	85.99	ng		-0.01
7) Phenol-d6	6.37	99	1510072	74.72	ng		0.00
23) Nitrobenzene-d5	7.29	82	1463159	77.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	283877	69.70	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1945821	76.61	ng		-0.03
78) Terphenyl-d14	12.81	244	1610907	74.88	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	300354	38.73	ng	#	71
3) Pyridine	2.90	79	821469	43.20	ng	#	66
4) n-Nitrosodimethylamine	2.86	42	549556	47.65	ng	#	50
6) Aniline	6.38	93	938657	37.63	ng	#	59
8) 2-Chlorophenol	6.50	128	675239	37.51	ng		85
9) Benzaldehyde	6.26	77	452684	44.90	ng		95
10) Phenol	6.40	94	903224	40.85	ng		92
11) bis(2-Chloroethyl)ether	6.45	93	655117	34.43	ng	#	83
12) 1,3-Dichlorobenzene	6.65	146	782536	40.93	ng		96
13) 1,4-Dichlorobenzene	6.73	146	783240	39.63	ng		97
14) 1,2-Dichlorobenzene	6.88	146	570580m	33.15	ng		
15) Benzyl Alcohol	6.88	79	561132	42.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1503970	38.65	ng		72
17) 2-Methylphenol	6.99	107	532143	36.71	ng	#	73
18) Hexachloroethane	7.22	117	281701	37.75	ng	#	89
19) n-Nitroso-di-n-propylamine	7.15	70	553919	40.12	ng	#	83
20) 3+4-Methylphenols	7.15	107	643300	37.90	ng	#	62
22) Acetophenone	7.13	105	1034864	45.63	ng	#	94
24) Nitrobenzene	7.31	77	890889	45.50	ng		91
25) Isophorone	7.55	82	1427359	40.47	ng		96
26) 2-Nitrophenol	7.62	139	365856	41.88	ng	#	78
27) 2,4-Dimethylphenol	7.68	122	611804	39.88	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	737889	38.01	ng		98
29) 2,4-Dichlorophenol	7.87	162	535057	40.57	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	568416	38.63	ng		97
31) Naphthalene	8.02	128	1816259	36.53	ng		98
32) Benzoic acid	7.84	122	323669	53.02	ng	#	79
33) 4-Chloroaniline	8.08	127	694778	36.07	ng	#	88
34) Hexachlorobutadiene	8.13	225	325568	38.97	ng		99
35) Caprolactam	8.49	113	183822	45.03	ng	#	70
36) 4-Chloro-3-methylphenol	8.58	107	579649	38.52	ng		92
37) 2-Methylnaphthalene	8.70	142	1008712	34.39	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	536350	44.50	ng		98
40) Hexachlorocyclopentadiene	8.85	237	76191	18.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	341318	44.54	ng		92
43) 2,4,5-Trichlorophenol	9.05	196	342674	42.80	ng		96
45) 1,1'-Biphenyl	9.17	154	1297125	38.11	ng		95
46) 2-Chloronaphthalene	9.20	162	1015922	38.68	ng		94
47) 2-Nitroaniline	9.30	65	399740	42.80	ng	#	70
48) Acenaphthylene	9.61	152	1453788	37.28	ng		99
49) Dimethylphthalate	9.48	163	1293401	41.67	ng		99
50) 2,6-Dinitrotoluene	9.55	165	308966	46.38	ng		84
51) Acenaphthene	9.78	154	927124	36.04	ng		99
52) 3-Nitroaniline	9.72	138	327469	43.24	ng		98
53) 2,4-Dinitrophenol	9.82	184	40147	28.69	ng		88
54) Dibenzofuran	9.95	168	1181542	37.06	ng		95
55) 4-Nitrophenol	9.90	139	159871	36.21	ng	#	74
56) 2,4-Dinitrotoluene	9.95	165	328499	39.79	ng	#	88
57) Fluorene	10.29	166	1038444	40.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240748	40.94	ng		97
59) Diethylphthalate	10.18	149	1239510	42.19	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	436045	35.50	ng		96
61) 4-Nitroaniline	10.34	138	283513	38.97	ng		85
62) Azobenzene	10.44	77	1217816	37.41	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	80309	29.70	ng	#	10
65) n-Nitrosodiphenylamine	10.41	169	830683	40.97	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	300635	47.37	ng		91
67) Hexachlorobenzene	10.83	284	302958	39.15	ng	#	67
68) Atrazine	10.94	200	287538	46.27	ng		95
69) Pentachlorophenol	11.04	266	148938	42.59	ng		98
70) Phenanthrene	11.24	178	1343879	39.18	ng		99
71) Anthracene	11.30	178	1397672	38.91	ng		99
72) Carbazole	11.46	167	1097509	35.18	ng		99
73) Di-n-butylphthalate	11.79	149	1514256	40.89	ng	#	98
74) Fluoranthene	12.43	202	1285469	37.39	ng		95
76) Benzidine	12.57	184	492211	42.31	ng		96
77) Pyrene	12.66	202	1307162	37.71	ng		100
79) Butylbenzylphthalate	13.28	149	573843	39.52	ng	#	61
80) Benzo(a)anthracene	13.84	228	988531	40.20	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	736005	47.63	ng		99
82) Chrysene	13.88	228	1082385	41.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	731070	43.51	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1364184	55.18	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.53	276	906003	40.25	ng		95
87) Benzo(b)fluoranthene	14.85	252	1130462m	43.83	ng		
88) Benzo(k)fluoranthene	14.88	252	834992m	34.36	ng		
89) Benzo(a)pyrene	15.17	252	931049	39.19	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	755655	33.11	ng		98
91) Benzo(g,h,i)perylene	16.92	276	723274	30.18	ng		94

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

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