Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098244.D
Acq On : 2 Sep 2017 14:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 04 07:21:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	114701	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	462460	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	208600	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	407033	20.00	ng		-0.04
75) Chrysene-d12	13.87	240	286255	20.00	ng		-0.03
86) Perylene-d12	15.27	264	237069	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	596985	79.17	ng		-0.04
7) Phenol-d6	6.36	99	829271	80.94	ng		-0.03
23) Nitrobenzene-d5	7.28	82	746056	87.64	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	157319	86.92	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	1068344	75.25	ng		-0.04
78) Terphenyl-d14	12.82	244	1065376	77.61	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	162071	38.538	ng	#	87
3) Pyridine	3.05	79	466841	40.155	ng		85
4) n-Nitrosodimethylamine	3.01	42	162889	36.413	ng	#	71
6) Aniline	6.37	93	545961	37.932	ng	#	58
8) 2-Chlorophenol	6.50	128	325309	40.906	ng		98
9) Benzaldehyde	6.26	77	237240	36.556	ng		91
10) Phenol	6.37	94	473767	39.537	ng	#	73
11) bis(2-Chloroethyl)ether	6.46	93	357194	39.494	ng		93
12) 1,3-Dichlorobenzene	6.65	146	339844	39.729	ng	#	95
13) 1,4-Dichlorobenzene	6.73	146	341962	39.306	ng	#	93
14) 1,2-Dichlorobenzene	6.88	146	320350	39.934	ng		99
15) Benzyl Alcohol	6.86	79	285405	37.206	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	450388	37.012	ng		86
17) 2-Methylphenol	6.98	107	286230	40.842	ng		95
18) Hexachloroethane	7.22	117	136538	40.030	ng	#	82
19) n-Nitroso-di-n-propylamine	7.13	70	255497	36.428	ng	#	88
20) 3+4-Methylphenols	7.13	107	335119	39.151	ng		91
22) Acetophenone	7.13	105	460242	37.672	ng	#	87
24) Nitrobenzene	7.30	77	400645	42.268	ng		96
25) Isophorone	7.54	82	686759	38.797	ng		96
26) 2-Nitrophenol	7.62	139	167793	48.767	ng	#	84
27) 2,4-Dimethylphenol	7.66	122	295403	40.014	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	460345	39.557	ng		97
29) 2,4-Dichlorophenol	7.86	162	253102	41.302	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	271917	40.026	ng		99
31) Naphthalene	8.02	128	948981	39.527	ng		99
32) Benzoic acid	7.79	122	128589	27.121	ng		89
33) 4-Chloroaniline	8.07	127	406248	40.122	ng		96
34) Hexachlorobutadiene	8.13	225	156005	39.331	ng		98
35) Caprolactam	8.46	113	90852	43.609	ng		92
36) 4-Chloro-3-methylphenol	8.56	107	319169	40.537	ng	#	81
37) 2-Methylnaphthalene	8.71	142	588096	39.954	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	253160	39.545	ng		99
40) Hexachlorocyclopentadiene	8.86	237	118433	38.508	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	174290	40.551	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	172634	40.487	ng		98
45) 1,1'-Biphenyl	9.17	154	735895	38.686	ng		96
46) 2-Chloronaphthalene	9.20	162	555630	39.532	ng	#	93
47) 2-Nitroaniline	9.30	65	214106	45.440	ng		96
48) Acenaphthylene	9.61	152	858475	38.895	ng		99
49) Dimethylphthalate	9.48	163	618817	40.583	ng		99
50) 2,6-Dinitrotoluene	9.55	165	134441	44.171	ng	#	79
51) Acenaphthene	9.79	154	515203	37.011	ng		99
52) 3-Nitroaniline	9.71	138	183180	46.648	ng		88
53) 2,4-Dinitrophenol	9.82	184	53115	42.177	ng	#	72
54) Dibenzofuran	9.96	168	713745	38.258	ng		98
55) 4-Nitrophenol	9.88	139	105933	33.817	ng	#	47
56) 2,4-Dinitrotoluene	9.95	165	170550	44.650	ng	#	53
57) Fluorene	10.30	166	571560	39.625	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	128962	39.064	ng		91
59) Diethylphthalate	10.17	149	638112	40.018	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	269039	40.149	ng		89
61) 4-Nitroaniline	10.33	138	174654	46.796	ng		78
62) Azobenzene	10.45	77	698886	36.898	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	88445	46.439	ng	#	76
65) n-Nitrosodiphenylamine	10.41	169	536717	38.722	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	168292	39.816	ng	#	90
67) Hexachlorobenzene	10.85	284	171863	39.892	ng		96
68) Atrazine	10.94	200	134725	36.651	ng		98
69) Pentachlorophenol	11.04	266	90247	35.927	ng		99
70) Phenanthrene	11.26	178	819010	37.760	ng		100
71) Anthracene	11.31	178	847395	38.520	ng		99
72) Carbazole	11.46	167	800264	38.323	ng		99
73) Di-n-butylphthalate	11.80	149	988005	41.076	ng		99
74) Fluoranthene	12.44	202	878651	38.812	ng		98
76) Benzidine	12.56	184	302436	32.223	ng	#	93
77) Pyrene	12.67	202	895819	38.263	ng		99
79) Butylbenzylphthalate	13.29	149	388777	43.311	ng	#	79
80) Benzo(a)anthracene	13.86	228	644335	37.556	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	247863	42.814	ng	#	96
82) Chrysene	13.89	228	646581	37.886	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	496938	49.960	ng	#	99
84) Di-n-octyl phthalate	14.46	149	863919	49.917	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	547022	43.570	ng		96
87) Benzo(b)fluoranthene	14.87	252	547491	36.638	ng		99
88) Benzo(k)fluoranthene	14.90	252	564695	40.223	ng	#	95
89) Benzo(a)pyrene	15.22	252	524386	39.640	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	475104	44.114	ng		96
91) Benzo(g,h,i)perylene	17.06	276	481247	42.825	ng		95

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

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