Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097734.D
Acq On : 16 Aug 2017 12:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 16 15:18:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	133925	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	536962	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	238313	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	444808	20.00	ng		0.00
75) Chrysene-d12	13.94	240	299354	20.00	ng		0.00
86) Perylene-d12	15.36	264	246430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	721712	81.97	ng		0.00
7) Phenol-d6	6.41	99	987940	82.58	ng		0.00
23) Nitrobenzene-d5	7.35	82	891297	90.17	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	189062	91.43	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1298853	80.07	ng		0.00
78) Terphenyl-d14	12.89	244	1203249	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	199803	40.691	ng		89
3) Pyridine	3.19	79	555046	40.889	ng		87
4) n-Nitrosodimethylamine	3.15	42	209995	40.205	ng		86
6) Aniline	6.45	93	694410	41.320	ng		97
8) 2-Chlorophenol	6.56	128	388034	41.789	ng		93
9) Benzaldehyde	6.33	77	298723	39.423	ng		88
10) Phenol	6.43	94	593462	42.417	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	430714	40.787	ng		96
12) 1,3-Dichlorobenzene	6.72	146	410553	41.105	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	412819	40.639	ng	#	93
14) 1,2-Dichlorobenzene	6.95	146	383799	40.976	ng		99
15) Benzyl Alcohol	6.92	79	377998	42.204	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	583867	41.093	ng		92
17) 2-Methylphenol	7.03	107	339187	41.452	ng		97
18) Hexachloroethane	7.30	117	167791	42.131	ng	#	84
19) n-Nitroso-di-n-propylamine	7.20	70	335891	41.016	ng		90
20) 3+4-Methylphenols	7.19	107	410450	41.068	ng		92
22) Acetophenone	7.20	105	559575	39.448	ng	#	83
24) Nitrobenzene	7.37	77	488260	44.365	ng		95
25) Isophorone	7.61	82	846742	41.198	ng		97
26) 2-Nitrophenol	7.68	139	188590	47.375	ng	#	76
27) 2,4-Dimethylphenol	7.72	122	355099	41.427	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	560510	41.481	ng		99
29) 2,4-Dichlorophenol	7.92	162	300417	42.221	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	320223	40.597	ng		98
31) Naphthalene	8.09	128	1125098	40.360	ng		100
32) Benzoic acid	7.85	122	289333	46.551	ng		92
33) 4-Chloroaniline	8.13	127	481920	40.992	ng		98
34) Hexachlorobutadiene	8.20	225	191802	41.647	ng		98
35) Caprolactam	8.52	113	105089	43.444	ng		100
36) 4-Chloro-3-methylphenol	8.62	107	384160	42.022	ng	#	78
37) 2-Methylnaphthalene	8.78	142	697708	40.824	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	299719	40.980	ng		98
40) Hexachlorocyclopentadiene	8.93	237	162427	46.228	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	212596	43.296	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	214899	44.115	ng		97
45) 1,1'-Biphenyl	9.25	154	884999	40.723	ng		97
46) 2-Chloronaphthalene	9.27	162	651563	40.578	ng	#	93
47) 2-Nitroaniline	9.36	65	256424	47.636	ng		97
48) Acenaphthylene	9.68	152	1031074	40.890	ng		100
49) Dimethylphthalate	9.55	163	725885	41.670	ng		99
50) 2,6-Dinitrotoluene	9.60	165	157454	45.282	ng	#	54
51) Acenaphthene	9.86	154	660086	41.507	ng		99
52) 3-Nitroaniline	9.77	138	202807	45.206	ng		89
53) 2,4-Dinitrophenol	9.87	184	77286	50.944	ng	#	79
54) Dibenzofuran	10.03	168	864358	40.554	ng		98
55) 4-Nitrophenol	9.93	139	157584	44.033	ng	#	45
56) 2,4-Dinitrotoluene	10.00	165	204504	46.864	ng	#	52
57) Fluorene	10.37	166	669475	40.627	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	165551	43.895	ng		94
59) Diethylphthalate	10.25	149	751311	41.243	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	319084	41.681	ng	#	86
61) 4-Nitroaniline	10.39	138	193354	45.347	ng	#	69
62) Azobenzene	10.52	77	871397	40.270	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	103423	49.109	ng		93
65) n-Nitrosodiphenylamine	10.48	169	628542	41.496	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	195380	42.299	ng		97
67) Hexachlorobenzene	10.91	284	196516	41.741	ng	#	83
68) Atrazine	11.01	200	162853	40.541	ng		98
69) Pentachlorophenol	11.10	266	129685	47.243	ng		98
70) Phenanthrene	11.33	178	948654	40.023	ng		100
71) Anthracene	11.38	178	982470	40.867	ng		100
72) Carbazole	11.53	167	922465	40.424	ng		98
73) Di-n-butylphthalate	11.87	149	1138746	43.323	ng		99
74) Fluoranthene	12.51	202	991985	40.097	ng		99
76) Benzidine	12.63	184	373690	38.073	ng		94
77) Pyrene	12.74	202	1015439	41.474	ng		99
79) Butylbenzylphthalate	13.36	149	429215	45.724	ng	#	67
80) Benzo(a)anthracene	13.93	228	714153	39.805	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	272333	44.982	ng	#	94
82) Chrysene	13.96	228	709610	39.759	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	509791	49.009	ng	#	99
84) Di-n-octyl phthalate	14.54	149	915767	50.598	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	599588	45.668	ng		95
87) Benzo(b)fluoranthene	14.96	252	631963	40.685	ng		98
88) Benzo(k)fluoranthene	14.99	252	580132	39.753	ng	#	93
89) Benzo(a)pyrene	15.30	252	577066	41.965	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	518160	46.285	ng		98
91) Benzo(g,h,i)perylene	17.19	276	531025	45.460	ng		94

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

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