Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098638.D
Acq On : 19 Sep 2017 13:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 20 01:44:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106898	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	490695	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	230346	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	387507	20.00	ng		0.00
75) Chrysene-d12	13.78	240	303156	20.00	ng		0.00
86) Perylene-d12	15.17	264	242938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	629211	87.03	ng		-0.01
7) Phenol-d6	6.29	99	717824	78.20	ng		0.00
23) Nitrobenzene-d5	7.20	82	689209	78.30	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	134042	87.19	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1202943	88.51	ng		0.00
78) Terphenyl-d14	12.73	244	1153533	82.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	153589	41.158	ng		91
3) Pyridine	2.90	79	332349	33.536	ng	#	82
4) n-Nitrosodimethylamine	2.88	42	167917	34.561	ng		86
6) Aniline	6.29	93	441078	38.300	ng	#	52
8) 2-Chlorophenol	6.42	128	325373	40.926	ng		96
9) Benzaldehyde	6.18	77	199005	33.163	ng		96
10) Phenol	6.30	94	408531	38.315	ng	#	64
11) bis(2-Chloroethyl)ether	6.37	93	283944	35.320	ng		98
12) 1,3-Dichlorobenzene	6.57	146	329598	41.189	ng		98
13) 1,4-Dichlorobenzene	6.65	146	341744	41.693	ng		95
14) 1,2-Dichlorobenzene	6.80	146	322182	43.144	ng		99
15) Benzyl Alcohol	6.79	79	267638	43.808	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	452919	34.241	ng		74
17) 2-Methylphenol	6.90	107	267460	41.256	ng	#	89
18) Hexachloroethane	7.13	117	132349	42.162	ng	#	87
19) n-Nitroso-di-n-propylamine	7.06	70	234212	40.562	ng		98
20) 3+4-Methylphenols	7.06	107	365345	44.657	ng	#	67
22) Acetophenone	7.05	105	501550	39.547	ng	#	91
24) Nitrobenzene	7.22	77	376993	37.602	ng		98
25) Isophorone	7.46	82	647522	36.361	ng		97
26) 2-Nitrophenol	7.54	139	195438	48.280	ng	#	89
27) 2,4-Dimethylphenol	7.59	122	296829	38.466	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	385018	35.432	ng		99
29) 2,4-Dichlorophenol	7.79	162	278642	43.417	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	300717	43.074	ng		99
31) Naphthalene	7.93	128	1011580	41.701	ng		99
32) Benzoic acid	7.75	122	195856	39.523	ng		99
33) 4-Chloroaniline	7.99	127	392345	39.797	ng		99
34) Hexachlorobutadiene	8.05	225	158354	44.184	ng		98
35) Caprolactam	8.38	113	89655	40.511	ng	#	77
36) 4-Chloro-3-methylphenol	8.49	107	307815	38.674	ng		87
37) 2-Methylnaphthalene	8.63	142	571940	38.924	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	299379	41.724	ng		98
40) Hexachlorocyclopentadiene	8.77	237	77748	42.285	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	179963	42.701	ng		92
43) 2,4,5-Trichlorophenol	8.96	196	186616	42.364	ng		92
45) 1,1'-Biphenyl	9.09	154	843001	40.888	ng		99
46) 2-Chloronaphthalene	9.12	162	613912	41.694	ng		93
47) 2-Nitroaniline	9.22	65	209113	37.001	ng		97
48) Acenaphthylene	9.53	152	899009	41.064	ng		99
49) Dimethylphthalate	9.40	163	697374	39.111	ng		99
50) 2,6-Dinitrotoluene	9.46	165	155625	42.490	ng	#	63
51) Acenaphthene	9.70	154	518583	37.264	ng		99
52) 3-Nitroaniline	9.63	138	184915	41.824	ng		94
53) 2,4-Dinitrophenol	9.76	184	57065	37.973	ng	#	80
54) Dibenzofuran	9.87	168	719065	39.221	ng		96
55) 4-Nitrophenol	9.82	139	87759	34.549	ng	#	44
56) 2,4-Dinitrotoluene	9.87	165	195683	43.946	ng	#	73
57) Fluorene	10.21	166	653742	43.081	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	126397	42.695	ng		96
59) Diethylphthalate	10.09	149	690764	40.735	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	306678	43.754	ng		88
61) 4-Nitroaniline	10.25	138	173759	38.916	ng		85
62) Azobenzene	10.36	77	609828	33.367	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	115960	48.707	ng	#	74
65) n-Nitrosodiphenylamine	10.33	169	596352	47.395	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	159082	43.255	ng		97
67) Hexachlorobenzene	10.76	284	168557	45.183	ng	#	83
68) Atrazine	10.86	200	167762	43.308	ng		95
69) Pentachlorophenol	10.96	266	48144m	33.564	ng		
70) Phenanthrene	11.17	178	844033	41.086	ng		99
71) Anthracene	11.22	178	865910	41.055	ng		98
72) Carbazole	11.38	167	804753	40.941	ng		98
73) Di-n-butylphthalate	11.71	149	925454	39.295	ng		99
74) Fluoranthene	12.36	202	876907	42.641	ng		96
76) Benzidine	12.48	184	478269	35.647	ng		96
77) Pyrene	12.58	202	912772	38.167	ng		99
79) Butylbenzylphthalate	13.20	149	399965	38.551	ng	#	76
80) Benzo(a)anthracene	13.77	228	733959	41.295	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	290074	41.996	ng	#	96
82) Chrysene	13.81	228	725910	40.405	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	538298	41.341	ng		99
84) Di-n-octyl phthalate	14.37	149	893940	40.015	ng		100
85) Indeno(1,2,3-cd)pyrene	16.51	276	473177	37.540	ng	#	93
87) Benzo(b)fluoranthene	14.79	252	653290	42.768	ng		97
88) Benzo(k)fluoranthene	14.81	252	612987	42.985	ng	#	95
89) Benzo(a)pyrene	15.12	252	565528	41.556	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	393122	39.711	ng		97
91) Benzo(g,h,i)perylene	16.90	276	371409	37.301	ng	#	91

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

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