Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098159.D
Acq On : 30 Aug 2017 16:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 06:38:00 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	6.72	152	121649	20.00	ng		-0.03
21) Naphthalene-d8	8.01	136	479985	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	209857	20.00	ng		-0.02
63) Phenanthrene-d10	11.24	188	397580	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	282552	20.00	ng		-0.02
86) Perylene-d12	15.28	264	219383	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	644352	80.57	ng		-0.02
7) Phenol-d6	6.36	99	884453	81.39	ng		-0.02
23) Nitrobenzene-d5	7.29	82	783648	88.69	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	156093	85.73	ng		-0.03
44) 2-Fluorobiphenyl	9.09	172	1115940	78.13	ng		-0.02
78) Terphenyl-d14	12.83	244	1059393	78.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	176546	39.583	ng		88
3) Pyridine	3.09	79	483132	39.183	ng		88
4) n-Nitrosodimethylamine	3.06	42	176851	37.276	ng	#	75
6) Aniline	6.39	93	591714	38.762	ng		99
8) 2-Chlorophenol	6.51	128	344965	40.900	ng		97
9) Benzaldehyde	6.27	77	248706	36.134	ng		90
10) Phenol	6.37	94	514778	40.506	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	377590	39.364	ng		94
12) 1,3-Dichlorobenzene	6.66	146	366450	40.392	ng	#	93
13) 1,4-Dichlorobenzene	6.75	146	370335	40.136	ng		96
14) 1,2-Dichlorobenzene	6.90	146	342658	40.275	ng		97
15) Benzyl Alcohol	6.87	79	307902	37.847	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	492515	38.162	ng		91
17) 2-Methylphenol	6.99	107	292219	39.316	ng		96
18) Hexachloroethane	7.23	117	147522	40.780	ng	#	79
19) n-Nitroso-di-n-propylamine	7.15	70	276905	37.225	ng	#	88
20) 3+4-Methylphenols	7.14	107	357192	39.346	ng		93
22) Acetophenone	7.14	105	478552	37.741	ng	#	90
24) Nitrobenzene	7.32	77	423383	43.036	ng		98
25) Isophorone	7.55	82	713267	38.823	ng		96
26) 2-Nitrophenol	7.63	139	169593	47.628	ng	#	80
27) 2,4-Dimethylphenol	7.67	122	304850	39.786	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	476177	39.423	ng		99
29) 2,4-Dichlorophenol	7.87	162	262037	41.198	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	288316	40.891	ng		99
31) Naphthalene	8.03	128	985512	39.550	ng		100
32) Benzoic acid	7.80	122	224816	41.301	ng		88
33) 4-Chloroaniline	8.08	127	419608	39.928	ng		99
34) Hexachlorobutadiene	8.15	225	166996	40.565	ng		99
35) Caprolactam	8.46	113	89443	41.365	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	326616	39.968	ng	#	81
37) 2-Methylnaphthalene	8.72	142	601371	39.364	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	261602	40.619	ng		98
40) Hexachlorocyclopentadiene	8.87	237	102199	33.031	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	177741	41.106	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	179275	41.792	ng		96
45) 1,1'-Biphenyl	9.19	154	757048	39.559	ng		96
46) 2-Chloronaphthalene	9.21	162	552627	39.083	ng	#	92
47) 2-Nitroaniline	9.31	65	218090	46.008	ng		98
48) Acenaphthylene	9.62	152	883893	39.807	ng		100
49) Dimethylphthalate	9.49	163	615742	40.140	ng		99
50) 2,6-Dinitrotoluene	9.55	165	132041	43.123	ng	#	62
51) Acenaphthene	9.79	154	530190	37.859	ng		99
52) 3-Nitroaniline	9.72	138	173850	44.006	ng		93
53) 2,4-Dinitrophenol	9.83	184	59037	45.536	ng	#	74
54) Dibenzofuran	9.97	168	721789	38.457	ng		98
55) 4-Nitrophenol	9.88	139	121352	38.507	ng	#	44
56) 2,4-Dinitrotoluene	9.95	165	170094	44.264	ng	#	52
57) Fluorene	10.31	166	575206	39.639	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	134276	40.430	ng		92
59) Diethylphthalate	10.19	149	617912	38.519	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	269956	40.045	ng		88
61) 4-Nitroaniline	10.33	138	170793	45.487	ng		78
62) Azobenzene	10.46	77	711509	37.340	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	88248	47.258	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	533358	39.395	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	168123	40.721	ng		99
67) Hexachlorobenzene	10.85	284	169034	40.168	ng	#	83
68) Atrazine	10.95	200	130303	36.291	ng		97
69) Pentachlorophenol	11.05	266	93889	38.266	ng		98
70) Phenanthrene	11.26	178	821259	38.764	ng		100
71) Anthracene	11.32	178	847014	39.418	ng		99
72) Carbazole	11.47	167	800579	39.250	ng		98
73) Di-n-butylphthalate	11.80	149	980948	41.753	ng		99
74) Fluoranthene	12.45	202	876801	39.651	ng		100
76) Benzidine	12.57	184	483181	52.155	ng		93
77) Pyrene	12.68	202	900901	38.984	ng		99
79) Butylbenzylphthalate	13.30	149	385912	43.556	ng	#	69
80) Benzo(a)anthracene	13.86	228	626510	36.996	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	237441	41.551	ng	#	96
82) Chrysene	13.90	228	635962	37.752	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	475910	48.473	ng		100
84) Di-n-octyl phthalate	14.47	149	842791	49.335	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	537933	43.408	ng		94
87) Benzo(b)fluoranthene	14.89	252	557618	40.324	ng		98
88) Benzo(k)fluoranthene	14.91	252	493629	37.995	ng	#	95
89) Benzo(a)pyrene	15.23	252	495357	40.464	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	461484	46.304	ng		99
91) Benzo(g,h,i)perylene	17.07	276	479640	46.123	ng	#	91

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

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