Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096661.D
Acq On : 12 Jul 2017 00:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 01:15:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113798	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	479508	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	212756	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	350563	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	207403	20.00	ng		-0.02
86) Perylene-d12	15.22	264	184810	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	566048	73.42	ng		-0.02
7) Phenol-d6	6.33	99	729472	76.96	ng		-0.02
23) Nitrobenzene-d5	7.25	82	624756	78.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	134012	80.64	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1012785	81.39	ng		-0.02
78) Terphenyl-d14	12.78	244	883151	90.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	129158	35.328	ng	#	76
3) Pyridine	2.99	79	337945	33.690	ng	#	61
4) n-Nitrosodimethylamine	2.94	42	175649	35.477	ng		86
6) Aniline	6.35	93	456113	37.232	ng	#	54
8) 2-Chlorophenol	6.47	128	324406	39.456	ng		99
9) Benzaldehyde	6.23	77	201981	34.049	ng		97
10) Phenol	6.34	94	404666	37.475	ng		73
11) bis(2-Chloroethyl)ether	6.43	93	307598	36.860	ng		94
12) 1,3-Dichlorobenzene	6.63	146	343776	39.877	ng		99
13) 1,4-Dichlorobenzene	6.70	146	346612	40.226	ng		96
14) 1,2-Dichlorobenzene	6.86	146	315677	39.901	ng		99
15) Benzyl Alcohol	6.83	79	247929	39.130	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	649355	38.277	ng		91
17) 2-Methylphenol	6.95	107	253717	38.721	ng		96
18) Hexachloroethane	7.20	117	115152	36.862	ng	#	79
19) n-Nitroso-di-n-propylamine	7.11	70	206825	36.627	ng	#	84
20) 3+4-Methylphenols	7.10	107	301014	41.187	ng	#	88
22) Acetophenone	7.10	105	410102	39.142	ng		93
24) Nitrobenzene	7.27	77	320355	38.268	ng		93
25) Isophorone	7.51	82	580828	37.541	ng		97
26) 2-Nitrophenol	7.59	139	172441	38.918	ng	#	87
27) 2,4-Dimethylphenol	7.63	122	289993	38.438	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	389213	38.108	ng		98
29) 2,4-Dichlorophenol	7.83	162	262306	40.297	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	236616	38.535	ng		99
31) Naphthalene	7.99	128	902648	39.875	ng		99
32) Benzoic acid	7.76	122	173713	27.416	ng		96
33) 4-Chloroaniline	8.04	127	379309	40.340	ng		98
34) Hexachlorobutadiene	8.12	225	129343	41.070	ng		99
35) Caprolactam	8.42	113	88070	39.236	ng	#	70
36) 4-Chloro-3-methylphenol	8.53	107	289477	40.191	ng		88
37) 2-Methylnaphthalene	8.68	142	568365	39.443	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	221586	40.112	ng		99
40) Hexachlorocyclopentadiene	8.84	237	55048	20.494	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	165349	37.836	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	168778	39.061	ng		95
45) 1,1'-Biphenyl	9.15	154	721526	39.581	ng		98
46) 2-Chloronaphthalene	9.17	162	535525	39.420	ng		94
47) 2-Nitroaniline	9.26	65	197713	39.997	ng		95
48) Acenaphthylene	9.58	152	852705	39.612	ng		99
49) Dimethylphthalate	9.45	163	628649	39.582	ng		99
50) 2,6-Dinitrotoluene	9.51	165	138343	39.390	ng	#	89
51) Acenaphthene	9.76	154	487340	36.728	ng		99
52) 3-Nitroaniline	9.67	138	178946	40.850	ng		90
53) 2,4-Dinitrophenol	9.78	184	43925	23.547	ng	#	72
54) Dibenzofuran	9.93	168	697770	39.830	ng		98
55) 4-Nitrophenol	9.84	139	126753	34.910	ng	#	69
56) 2,4-Dinitrotoluene	9.91	165	181689	40.850	ng	#	79
57) Fluorene	10.27	166	516848	41.773	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.05	232	118655	39.691	ng		98
59) Diethylphthalate	10.15	149	604741	40.284	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	217828	40.464	ng		92
61) 4-Nitroaniline	10.29	138	170653	42.843	ng		90
62) Azobenzene	10.42	77	499307	34.397	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	71019	29.375	ng		80
65) n-Nitrosodiphenylamine	10.38	169	477188	38.796	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	131586	38.559	ng		91
67) Hexachlorobenzene	10.82	284	149187	39.936	ng	#	85
68) Atrazine	10.91	200	142640	40.591	ng		94
69) Pentachlorophenol	11.01	266	83244	37.598	ng		96
70) Phenanthrene	11.22	178	745214	39.324	ng		98
71) Anthracene	11.27	178	766741	39.704	ng		99
72) Carbazole	11.43	167	751742	38.708	ng		98
73) Di-n-butylphthalate	11.77	149	940302	39.974	ng		98
74) Fluoranthene	12.40	202	687611	37.008	ng		98
76) Benzidine	12.53	184	360226	36.197	ng		95
77) Pyrene	12.63	202	723123	43.437	ng		99
79) Butylbenzylphthalate	13.26	149	374129	44.395	ng	#	82
80) Benzo(a)anthracene	13.82	228	488054	40.636	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	194968	39.523	ng	#	94
82) Chrysene	13.86	228	516090	41.033	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	447206	47.540	ng		99
84) Di-n-octyl phthalate	14.43	149	786006	42.431	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	469654	47.306	ng		97
87) Benzo(b)fluoranthene	14.83	252	469488	40.543	ng		99
88) Benzo(k)fluoranthene	14.86	252	431552	41.661	ng		97
89) Benzo(a)pyrene	15.17	252	404765	39.150	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	382837	47.069	ng	#	95
91) Benzo(g,h,i)perylene	16.97	276	400461	47.515	ng		100

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

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