Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098184.D
Acq On : 31 Aug 2017 5:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 06:54:31 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	6.73	152	115272	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	425431	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	153096	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	249906	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	228691	20.00	ng		-0.02
86) Perylene-d12	15.29	264	163421	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	622628	82.16	ng		-0.02
7) Phenol-d6	6.37	99	828142	80.43	ng		-0.02
23) Nitrobenzene-d5	7.30	82	708047	90.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	98243	73.96	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	963105	92.43	ng		-0.02
78) Terphenyl-d14	12.83	244	774312	70.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	168417	39.849	ng		88
3) Pyridine	3.08	79	462577	39.591	ng		85
4) n-Nitrosodimethylamine	3.04	42	165709	36.860	ng	#	73
6) Aniline	6.39	93	552487	38.195	ng		97
8) 2-Chlorophenol	6.52	128	329687	41.251	ng		99
9) Benzaldehyde	6.27	77	247441	37.939	ng		89
10) Phenol	6.38	94	474671	39.416	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	376457	41.418	ng		93
12) 1,3-Dichlorobenzene	6.67	146	353103	41.074	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	354124	40.502	ng	#	93
14) 1,2-Dichlorobenzene	6.90	146	326834	40.541	ng		99
15) Benzyl Alcohol	6.87	79	283711	36.802	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	480811	39.316	ng		90
17) 2-Methylphenol	6.99	107	274304	38.947	ng		98
18) Hexachloroethane	7.24	117	104962	30.620	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	263849	37.432	ng	#	87
20) 3+4-Methylphenols	7.15	107	330958	38.473	ng		95
22) Acetophenone	7.15	105	455083	40.492	ng	#	88
24) Nitrobenzene	7.32	77	380928	43.686	ng		94
25) Isophorone	7.56	82	650258	39.932	ng		98
26) 2-Nitrophenol	7.63	139	97604	32.770	ng	#	78
27) 2,4-Dimethylphenol	7.67	122	275987	40.638	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	455412	42.539	ng		99
29) 2,4-Dichlorophenol	7.87	162	221225	39.242	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	255751	40.923	ng		99
31) Naphthalene	8.03	128	879731	39.832	ng		100
32) Benzoic acid	7.79	122	82855	20.915	ng		90
33) 4-Chloroaniline	8.09	127	365862	39.278	ng		99
34) Hexachlorobutadiene	8.15	225	155138	42.517	ng		98
35) Caprolactam	8.46	113	69128	36.070	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	258412	35.677	ng	#	77
37) 2-Methylnaphthalene	8.73	142	507555	37.483	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	221493	47.142	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	131021	41.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	126536	40.434 ng		96
45) 1,1'-Biphenyl	9.19	154	628027	44.985 ng		97
46) 2-Chloronaphthalene	9.22	162	440129	42.667 ng		93
47) 2-Nitroaniline	9.31	65	170311	49.249 ng		96
48) Acenaphthylene	9.63	152	657268	40.575 ng		99
49) Dimethylphthalate	9.49	163	517103	46.208 ng		98
50) 2,6-Dinitrotoluene	9.55	165	84521	37.837 ng	#	60
51) Acenaphthene	9.80	154	383561	37.544 ng		98
52) 3-Nitroaniline	9.72	138	134034	46.507 ng		89
53) 2,4-Dinitrophenol	9.83	184	448	10.510 ng	#	75
54) Dibenzofuran	9.97	168	533035	38.930 ng		99
55) 4-Nitrophenol	9.89	139	65521	28.499 ng	#	44
56) 2,4-Dinitrotoluene	9.96	165	90299	32.211 ng	#	64
57) Fluorene	10.31	166	407243	38.470 ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	87436	36.087 ng		91
59) Diethylphthalate	10.19	149	492270	42.064 ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	203422	41.363 ng	#	86
61) 4-Nitroaniline	10.33	138	133350	48.682 ng		83
62) Azobenzene	10.46	77	502191	36.126 ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	1231	9.185 ng		91
65) n-Nitrosodiphenylamine	10.42	169	371728	43.681 ng		99
66) 4-Bromophenyl-phenylether	10.79	248	113219	43.628 ng		94
67) Hexachlorobenzene	10.86	284	110880	41.919 ng	#	87
68) Atrazine	10.95	200	56424	25.001 ng		98
69) Pentachlorophenol	11.05	266	44637	28.943 ng		96
70) Phenanthrene	11.27	178	531964	39.947 ng		100
71) Anthracene	11.32	178	547977	40.571 ng		100
72) Carbazole	11.48	167	524912	40.942 ng		97
73) Di-n-butylphthalate	11.81	149	688898	46.649 ng		99
74) Fluoranthene	12.46	202	608781	43.798 ng		99
76) Benzidine	12.59	184	434960	58.008 ng	#	92
77) Pyrene	12.69	202	635899	33.997 ng		97
79) Butylbenzylphthalate	13.30	149	305627	42.618 ng	#	73
80) Benzo(a)anthracene	13.87	228	515358	37.600 ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	218622	47.269 ng	#	96
82) Chrysene	13.91	228	509998	37.404 ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	420109	52.867 ng		100
84) Di-n-octyl phthalate	14.47	149	787882	56.983 ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	340557	33.953 ng		96
87) Benzo(b)fluoranthene	14.89	252	419743	40.748 ng		98
88) Benzo(k)fluoranthene	14.92	252	414441	42.824 ng	#	93
89) Benzo(a)pyrene	15.23	252	371211	40.707 ng		100
90) Dibenzo(a,h)anthracene	16.69	278	300662	40.498 ng		95
91) Benzo(g,h,i)perylene	17.09	276	293000	37.824 ng	#	90

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

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