Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088410.D
Acq On : 26 Jun 2016 9:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 27 04:34:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 04:29:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	95220	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	368680	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	161099	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	259718	20.00	ng		0.00
75) Chrysene-d12	13.70	240	186802	20.00	ng		0.00
86) Perylene-d12	15.05	264	161438	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	442551	79.45	ng		0.00
7) Phenol-d6	6.24	99	482324	71.45	ng		0.00
23) Nitrobenzene-d5	7.14	82	492460	78.00	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	107520	63.21	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	912312	89.24	ng		0.00
78) Terphenyl-d14	12.65	244	626866	76.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	106115	39.21	ng	#	46
3) Pyridine	2.57	79	242312	37.92	ng		93
4) n-Nitrosodimethylamine	2.55	42	89818	33.19	ng		83
6) Aniline	6.23	93	310258	32.29	ng		96
8) 2-Chlorophenol	6.35	128	260373	39.49	ng		92
9) Benzaldehyde	6.11	77	162387	38.31	ng		100
10) Phenol	6.25	94	317356	45.57	ng		86
11) bis(2-Chloroethyl)ether	6.31	93	258080	43.60	ng		90
12) 1,3-Dichlorobenzene	6.50	146	274523	38.81	ng		95
13) 1,4-Dichlorobenzene	6.58	146	288463	40.48	ng		98
14) 1,2-Dichlorobenzene	6.73	146	240203m	37.07	ng		
15) Benzyl Alcohol	6.73	79	180793	34.23	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	231798	28.99	ng	#	1
17) 2-Methylphenol	6.86	107	183648	34.35	ng	#	87
18) Hexachloroethane	7.07	117	90514	35.80	ng		96
19) n-Nitroso-di-n-propylamine	7.00	70	166643	38.59	ng	#	86
20) 3+4-Methylphenols	7.02	107	245352	39.33	ng	#	80
22) Acetophenone	6.99	105	350332	42.52	ng	#	97
24) Nitrobenzene	7.16	77	252061	41.21	ng		91
25) Isophorone	7.40	82	448551	38.36	ng		99
26) 2-Nitrophenol	7.48	139	128573	39.25	ng	#	72
27) 2,4-Dimethylphenol	7.54	122	215288	35.69	ng		97
28) bis(2-Chloroethoxy)methane	7.62	93	292438	40.32	ng	#	97
29) 2,4-Dichlorophenol	7.74	162	196512	39.02	ng		93
30) 1,2,4-Trichlorobenzene	7.79	180	213920	39.01	ng		96
31) Naphthalene	7.87	128	674120	36.95	ng		99
32) Benzoic acid	7.71	122	97792	29.44	ng		96
33) 4-Chloroaniline	7.94	127	294027	36.09	ng		96
34) Hexachlorobutadiene	7.99	225	108577	37.54	ng		98
35) Caprolactam	8.33	113	60268	36.13	ng	#	85
36) 4-Chloro-3-methylphenol	8.44	107	207010	38.43	ng		98
37) 2-Methylnaphthalene	8.56	142	431017	35.84	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	186462	44.20	ng	#	1
40) Hexachlorocyclopentadiene	8.72	237	7817	3.01	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	121945	37.85	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	127494	38.04	ng	#	89
45) 1,1'-Biphenyl	9.03	154	523832	43.05	ng		98
46) 2-Chloronaphthalene	9.05	162	408611	39.20	ng		100
47) 2-Nitroaniline	9.16	65	121915	39.64	ng	#	74
48) Acenaphthylene	9.46	152	641172	38.67	ng		99
49) Dimethylphthalate	9.35	163	510817	43.77	ng		98
50) 2,6-Dinitrotoluene	9.40	165	94759	35.46	ng	#	60
51) Acenaphthene	9.63	154	377089	36.45	ng		98
52) 3-Nitroaniline	9.58	138	120936	39.22	ng		96
53) 2,4-Dinitrophenol	9.70	184	14260	14.52	ng		90
54) Dibenzofuran	9.80	168	549492	38.57	ng	#	91
55) 4-Nitrophenol	9.77	139	54851m	22.92	ng		
56) 2,4-Dinitrotoluene	9.82	165	127584	37.15	ng		99
57) Fluorene	10.15	166	400608	41.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	95162	36.13	ng	#	54
59) Diethylphthalate	10.03	149	465097	39.37	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	175946	37.14	ng		93
61) 4-Nitroaniline	10.19	138	116293	39.76	ng		99
62) Azobenzene	10.30	77	431422	36.93	ng		97
64) 4,6-Dinitro-2-methylphenol	10.23	198	19615	13.71	ng	#	74
65) n-Nitrosodiphenylamine	10.26	169	371564	43.11	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	118472	42.52	ng		96
67) Hexachlorobenzene	10.68	284	107817	37.24	ng		97
68) Atrazine	10.80	200	97141	37.22	ng		96
69) Pentachlorophenol	10.89	266	74071	48.54	ng		97
70) Phenanthrene	11.10	178	540328	39.65	ng		99
71) Anthracene	11.15	178	586574	42.67	ng		97
72) Carbazole	11.31	167	552786	42.97	ng		99
73) Di-n-butylphthalate	11.64	149	668679	41.06	ng		99
74) Fluoranthene	12.27	202	516235	35.89	ng		98
76) Benzidine	12.41	184	267490	51.72	ng		98
77) Pyrene	12.50	202	544642	39.29	ng		99
79) Butylbenzylphthalate	13.13	149	284698	46.45	ng		95
80) Benzo(a)anthracene	13.69	228	399326	37.51	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	150910	52.72	ng	#	97
82) Chrysene	13.73	228	474138	47.34	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	347940	46.64	ng	#	98
84) Di-n-octyl phthalate	14.30	149	651883	53.77	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	337276	36.25	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	360397m	32.03	ng		
88) Benzo(k)fluoranthene	14.71	252	406941m	47.94	ng		
89) Benzo(a)pyrene	14.99	252	357774	39.30	ng		100
90) Dibenzo(a,h)anthracene	16.29	278	290706	34.38	ng		99
91) Benzo(g,h,i)perylene	16.65	276	282005	32.42	ng		98

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

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