Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084464.D
Acq On : 14 Jan 2016 1:47
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 14 15:43:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	275673	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1170547	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	515661	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	969251	20.00	ng		0.00
75) Chrysene-d12	14.00	240	798618	20.00	ng		0.00
86) Perylene-d12	15.41	264	597254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1378366	80.87	ng		0.00
7) Phenol-d6	6.48	99	1633561	76.32	ng		0.00
23) Nitrobenzene-d5	7.40	82	1467617	69.78	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	425697	81.77	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2281085	77.24	ng		0.00
78) Terphenyl-d14	12.95	244	2284670	63.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	337303	41.78	ng	#	76
3) Pyridine	3.13	79	873665	38.81	ng	#	80
4) n-Nitrosodimethylamine	3.08	42	419596	36.31	ng		91
6) Aniline	6.50	93	1200197	38.33	ng		87
8) 2-Chlorophenol	6.62	128	781921	40.44	ng		92
9) Benzaldehyde	6.37	77	491220	35.24	ng		92
10) Phenol	6.49	94	868407	35.68	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	779013	41.32	ng		96
12) 1,3-Dichlorobenzene	6.77	146	811326m	40.67	ng		
13) 1,4-Dichlorobenzene	6.85	146	831021	41.54	ng		93
14) 1,2-Dichlorobenzene	7.00	146	719194	37.54	ng		96
15) Benzyl Alcohol	6.98	79	600840	33.37	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1220959	35.56	ng		86
17) 2-Methylphenol	7.10	107	668710	41.26	ng		97
18) Hexachloroethane	7.34	117	305208	38.16	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	496171	34.24	ng	#	75
20) 3+4-Methylphenols	7.25	107	680205	35.71	ng	#	60
22) Acetophenone	7.25	105	1078737	38.32	ng	#	92
24) Nitrobenzene	7.42	77	911844	42.75	ng		94
25) Isophorone	7.66	82	1532684	38.10	ng		98
26) 2-Nitrophenol	7.73	139	400609	41.26	ng	#	78
27) 2,4-Dimethylphenol	7.78	122	682874	34.75	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	944162	38.43	ng	#	96
29) 2,4-Dichlorophenol	7.98	162	659102	40.26	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	679486	40.21	ng		96
31) Naphthalene	8.14	128	2132291	40.15	ng		98
32) Benzoic acid	7.90	122	356193	30.76	ng		96
33) 4-Chloroaniline	8.19	127	942993	38.73	ng		97
34) Hexachlorobutadiene	8.26	225	350512	36.08	ng		98
35) Caprolactam	8.57	113	211338	38.30	ng	#	54
36) 4-Chloro-3-methylphenol	8.68	107	658561	35.92	ng		95
37) 2-Methylnaphthalene	8.83	142	1387327	36.39	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	631362	42.59	ng		99
40) Hexachlorocyclopentadiene	8.99	237	316727	35.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	439411	39.62	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	435233	40.94	ng		94
45) 1,1'-Biphenyl	9.30	154	1688988	41.21	ng		99
46) 2-Chloronaphthalene	9.32	162	1247687	38.76	ng		94
47) 2-Nitroaniline	9.42	65	480498	45.22	ng	#	76
48) Acenaphthylene	9.73	152	1926379	40.50	ng		97
49) Dimethylphthalate	9.61	163	1598996	43.37	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	351023	43.41	ng	#	70
51) Acenaphthene	9.90	154	1282017	40.19	ng		98
52) 3-Nitroaniline	9.84	138	453015	45.22	ng	#	85
53) 2,4-Dinitrophenol	9.94	184	147893	44.59	ng	#	84
54) Dibenzofuran	10.08	168	1686646	40.53	ng		92
55) 4-Nitrophenol	10.01	139	300370	41.30	ng	#	79
56) 2,4-Dinitrotoluene	10.06	165	422528	41.29	ng		93
57) Fluorene	10.42	166	1224486	37.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	378012	41.64	ng		88
59) Diethylphthalate	10.30	149	1511264	41.58	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	639141	47.93	ng		93
61) 4-Nitroaniline	10.44	138	415230	46.49	ng		90
62) Azobenzene	10.58	77	1696811	42.56	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	232573	39.28	ng		82
65) n-Nitrosodiphenylamine	10.53	169	1163770	37.55	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	428653	41.09	ng		98
67) Hexachlorobenzene	10.97	284	430713	36.68	ng	#	88
68) Atrazine	11.07	200	420070	41.42	ng		94
69) Pentachlorophenol	11.16	266	211949	34.81	ng		98
70) Phenanthrene	11.38	178	1892210	37.32	ng		96
71) Anthracene	11.44	178	2168285	43.63	ng		97
72) Carbazole	11.60	167	1966060	40.46	ng		97
73) Di-n-butylphthalate	11.93	149	2299740	44.37	ng	#	97
74) Fluoranthene	12.57	202	2014293	38.03	ng		98
76) Benzidine	12.69	184	874257	30.53	ng		99
77) Pyrene	12.80	202	2078038	33.16	ng		97
79) Butylbenzylphthalate	13.43	149	964987	35.58	ng	#	82
80) Benzo(a)anthracene	13.99	228	1558157	33.23	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	634525	38.77	ng	#	96
82) Chrysene	14.02	228	1520144	33.74	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1160309	33.87	ng	#	94
84) Di-n-octyl phthalate	14.59	149	1925895	33.30	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.80	276	1308485	36.63	ng		97
87) Benzo(b)fluoranthene	15.00	252	1676829m	42.92	ng		
88) Benzo(k)fluoranthene	15.04	252	1062517m	33.25	ng		
89) Benzo(a)pyrene	15.36	252	1294557	39.06	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	1062270	37.25	ng		99
91) Benzo(g,h,i)perylene	17.21	276	1133663	38.39	ng		96

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

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