Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084529.D
Acq On : 17 Jan 2016 12:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 01:29:53 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	6.81	152	289068	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	1228468	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	554628	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	1076198	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	771622	20.00	ng		-0.02
86) Perylene-d12	15.38	264	624951	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1154522	64.60	ng		-0.03
7) Phenol-d6	6.45	99	1746493	77.81	ng		-0.02
23) Nitrobenzene-d5	7.38	82	1540180	69.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	415822	74.26	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	2383960	74.86	ng		-0.02
78) Terphenyl-d14	12.92	244	2665010	77.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	324874	38.37	ng	#	78
3) Pyridine	3.08	79	709930	30.08	ng	#	72
4) n-Nitrosodimethylamine	3.04	42	387914	32.02	ng		78
6) Aniline	6.48	93	1199003	36.52	ng		97
8) 2-Chlorophenol	6.60	128	804317	39.67	ng		90
9) Benzaldehyde	6.35	77	500491	34.25	ng		97
10) Phenol	6.46	94	940665	36.86	ng	#	64
11) bis(2-Chloroethyl)ether	6.54	93	801010	40.52	ng	#	80
12) 1,3-Dichlorobenzene	6.75	146	872699	41.72	ng		97
13) 1,4-Dichlorobenzene	6.83	146	861679m	41.08	ng		
14) 1,2-Dichlorobenzene	6.98	146	745394	37.11	ng		97
15) Benzyl Alcohol	6.96	79	649303	34.39	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1222394	33.96	ng		85
17) 2-Methylphenol	7.08	107	692464	40.75	ng		93
18) Hexachloroethane	7.32	117	338083	40.31	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	557880	36.72	ng	#	73
20) 3+4-Methylphenols	7.23	107	727499	36.42	ng	#	51
22) Acetophenone	7.23	105	1174029	39.74	ng	#	94
24) Nitrobenzene	7.40	77	963437	43.03	ng		94
25) Isophorone	7.64	82	1569096	37.17	ng		99
26) 2-Nitrophenol	7.71	139	416539	40.88	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	757448	36.73	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	987618	38.30	ng	#	96
29) 2,4-Dichlorophenol	7.96	162	703809	40.97	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	743828	41.94	ng	#	95
31) Naphthalene	8.12	128	2289442	41.08	ng		98
32) Benzoic acid	7.88	122	317107	27.04	ng		100
33) 4-Chloroaniline	8.17	127	963211	37.70	ng		97
34) Hexachlorobutadiene	8.24	225	379585	37.23	ng		97
35) Caprolactam	8.56	113	217803	37.61	ng	#	54
36) 4-Chloro-3-methylphenol	8.66	107	698871	36.32	ng		95
37) 2-Methylnaphthalene	8.81	142	1428836	35.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	700610	43.94	ng		99
40) Hexachlorocyclopentadiene	8.97	237	309403	32.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473518	39.69	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	460298	40.25	ng		93
45) 1,1'-Biphenyl	9.28	154	1822291	41.34	ng		98
46) 2-Chloronaphthalene	9.30	162	1353247	39.08	ng		95
47) 2-Nitroaniline	9.40	65	513712	44.95	ng	#	69
48) Acenaphthylene	9.71	152	1945595	38.03	ng	#	95
49) Dimethylphthalate	9.58	163	1666187	42.02	ng	#	90
50) 2,6-Dinitrotoluene	9.64	165	365819	42.07	ng	#	63
51) Acenaphthene	9.88	154	1284934	37.45	ng		96
52) 3-Nitroaniline	9.81	138	476969	44.26	ng		87
53) 2,4-Dinitrophenol	9.92	184	122836	35.24	ng	#	83
54) Dibenzofuran	10.05	168	1695302	37.66	ng	#	89
55) 4-Nitrophenol	9.98	139	358314	45.81	ng		89
56) 2,4-Dinitrotoluene	10.04	165	430884	39.15	ng	#	86
57) Fluorene	10.40	166	1301177	37.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	392049	40.15	ng		88
59) Diethylphthalate	10.28	149	1698890	43.46	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	678060	47.14	ng	#	87
61) 4-Nitroaniline	10.43	138	461663	48.06	ng	#	76
62) Azobenzene	10.56	77	1675238	39.07	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	215401	33.01	ng		87
65) n-Nitrosodiphenylamine	10.51	169	1207361	35.09	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	418868	36.16	ng	#	72
67) Hexachlorobenzene	10.94	284	498580	38.24	ng		95
68) Atrazine	11.05	200	457304	40.61	ng		93
69) Pentachlorophenol	11.14	266	221717	32.80	ng		98
70) Phenanthrene	11.36	178	2047532	36.37	ng		95
71) Anthracene	11.41	178	2331077	42.24	ng		98
72) Carbazole	11.56	167	1976073	36.63	ng		99
73) Di-n-butylphthalate	11.91	149	2532356	43.88	ng		98
74) Fluoranthene	12.55	202	2342443	39.83	ng		96
76) Benzidine	12.67	184	1081587	39.09	ng		99
77) Pyrene	12.77	202	2405127	39.72	ng		97
79) Butylbenzylphthalate	13.39	149	996042	38.01	ng		86
80) Benzo(a)anthracene	13.96	228	1722239	38.01	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	721085	45.60	ng	#	95
82) Chrysene	14.00	228	1702993	39.12	ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	1220657	36.87	ng		100
84) Di-n-octyl phthalate	14.57	149	2071170	37.06	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.75	276	1511687	43.80	ng		99
87) Benzo(b)fluoranthene	14.98	252	1546163m	37.82	ng		
88) Benzo(k)fluoranthene	15.00	252	1319889m	39.48	ng		
89) Benzo(a)pyrene	15.32	252	1385334	39.95	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	1245956	41.76	ng		98
91) Benzo(g,h,i)perylene	17.16	276	1285199	41.59	ng		99

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

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