Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092709.D
Acq On : 1 Feb 2017 17:31
Operator : SJ/MA
Sample : I1615-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2MSD

Quant Time: Feb 02 00:03:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	162825	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	630288	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	338165	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	564095	20.00	ng		0.00
75) Chrysene-d12	14.12	240	388723	20.00	ng		-0.02
86) Perylene-d12	15.60	264	344053	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1224176	128.99	ng		-0.01
7) Phenol-d6	6.59	99	1622776	132.89	ng		-0.01
23) Nitrobenzene-d5	7.52	82	989988	87.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	284087	116.15	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1722130	92.26	ng		-0.01
78) Terphenyl-d14	13.07	244	1306566	78.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	195439	38.11	ng	#	84
3) Pyridine	3.39	79	570333	43.74	ng		88
4) n-Nitrosodimethylamine	3.36	42	304955	49.81	ng		85
6) Aniline	6.61	93	577528	34.67	ng	#	71
8) 2-Chlorophenol	6.74	128	494046	47.19	ng		97
9) Benzaldehyde	6.49	77	327367	37.42	ng		87
10) Phenol	6.61	94	641206	44.88	ng		97
11) bis(2-Chloroethyl)ether	6.68	93	481955	42.26	ng		92
12) 1,3-Dichlorobenzene	6.89	146	540364m	44.06	ng		
13) 1,4-Dichlorobenzene	6.97	146	553841	44.62	ng		94
14) 1,2-Dichlorobenzene	7.12	146	477327	40.22	ng		97
15) Benzyl Alcohol	7.09	79	414279	45.82	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	891210	44.98	ng		94
17) 2-Methylphenol	7.21	107	408227	45.45	ng		97
18) Hexachloroethane	7.46	117	180351	42.56	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	361255	46.47	ng		98
20) 3+4-Methylphenols	7.37	107	487229	45.37	ng		91
22) Acetophenone	7.36	105	638798	44.39	ng	#	93
24) Nitrobenzene	7.54	77	579462	49.86	ng	#	88
25) Isophorone	7.78	82	1023769	48.54	ng		99
26) 2-Nitrophenol	7.85	139	257894	46.68	ng		91
27) 2,4-Dimethylphenol	7.89	122	421999	43.49	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	616008	44.10	ng		98
29) 2,4-Dichlorophenol	8.10	162	427463	47.24	ng		91
30) 1,2,4-Trichlorobenzene	8.18	180	430107	44.11	ng		97
31) Naphthalene	8.26	128	1327066	41.53	ng		99
32) Benzoic acid	7.97	122	31534	12.05	ng		91
33) 4-Chloroaniline	8.30	127	283858	22.65	ng	#	93
34) Hexachlorobutadiene	8.37	225	217382	40.52	ng		99
35) Caprolactam	8.68	113	146233m	51.38	ng		
36) 4-Chloro-3-methylphenol	8.81	107	471249	49.95	ng		95
37) 2-Methylnaphthalene	8.96	142	946023	46.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	380690	40.10	ng		99
40) Hexachlorocyclopentadiene	9.10	237	343393	80.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	301143	48.28	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	287708	42.10	ng		98
45) 1,1'-Biphenyl	9.42	154	1106333	45.18	ng		100
46) 2-Chloronaphthalene	9.45	162	881645	46.03	ng		98
47) 2-Nitroaniline	9.54	65	298373	46.33	ng		89
48) Acenaphthylene	9.86	152	1358016	41.04	ng		99
49) Dimethylphthalate	9.72	163	1479393	64.95	ng		98
50) 2,6-Dinitrotoluene	9.79	165	246003	50.01	ng		96
51) Acenaphthene	10.03	154	862856	43.61	ng		98
52) 3-Nitroaniline	9.96	138	180290	32.03	ng	#	76
53) 2,4-Dinitrophenol	10.06	184	125052	51.75	ng	#	89
54) Dibenzofuran	10.21	168	1219813	46.10	ng		90
55) 4-Nitrophenol	10.13	139	316014	77.94	ng		94
56) 2,4-Dinitrotoluene	10.19	165	283674	43.32	ng		99
57) Fluorene	10.56	166	885976	43.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	219883m	48.23	ng		
59) Diethylphthalate	10.43	149	934886	43.55	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	427723	43.73	ng	#	83
61) 4-Nitroaniline	10.58	138	251870	43.68	ng		95
62) Azobenzene	10.70	77	1135990	51.22	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	147261	43.17	ng	#	72
65) n-Nitrosodiphenylamine	10.66	169	805906	44.72	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	262531	44.55	ng	#	90
67) Hexachlorobenzene	11.10	284	248907	42.74	ng	#	92
68) Atrazine	11.20	200	270591	46.79	ng		95
69) Pentachlorophenol	11.30	266	239660	79.74	ng		97
70) Phenanthrene	11.52	178	1270400	39.31	ng		100
71) Anthracene	11.57	178	1454174	44.81	ng		98
72) Carbazole	11.72	167	1156676	37.28	ng		99
73) Di-n-butylphthalate	12.05	149	1572238	46.86	ng	#	96
74) Fluoranthene	12.70	202	1375060	41.25	ng		96
76) Benzidine	12.83	184	674364	40.71	ng		96
77) Pyrene	12.93	202	1340960	46.10	ng		99
79) Butylbenzylphthalate	13.54	149	608353	51.50	ng		98
80) Benzo(a)anthracene	14.11	228	1041339	43.80	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	251924	29.73	ng		97
82) Chrysene	14.16	228	1032864	46.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	807010	49.95	ng		98
84) Di-n-octyl phthalate	14.71	149	1303306	49.54	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	964851	55.96	ng		94
87) Benzo(b)fluoranthene	15.16	252	889745m	39.29	ng		
88) Benzo(k)fluoranthene	15.20	252	904483m	46.26	ng		
89) Benzo(a)pyrene	15.53	252	887301	45.30	ng		97
90) Dibenzo(a,h)anthracene	17.08	278	796205	50.29	ng	#	96
91) Benzo(g,h,i)perylene	17.52	276	798102	49.90	ng	#	91

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

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