Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092719.D
Acq On : 1 Feb 2017 22:04
Operator : SJ/MA
Sample : I1597-16MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33-COMPMSD

Quant Time: Feb 02 00:21:14 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	160854	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	558019	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	293695	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	474444	20.00	ng		-0.01
75) Chrysene-d12	14.12	240	318176	20.00	ng		-0.02
86) Perylene-d12	15.60	264	293881	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1170369	124.83	ng		-0.01
7) Phenol-d6	6.59	99	1552514	128.69	ng		-0.01
23) Nitrobenzene-d5	7.52	82	811476	80.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	274968	129.45	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1509978	93.14	ng		-0.01
78) Terphenyl-d14	13.07	244	1048620	77.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	209313	41.32	ng	#	84
3) Pyridine	3.39	79	626469	48.63	ng	#	84
4) n-Nitrosodimethylamine	3.36	42	310915	51.40	ng		85
6) Aniline	6.61	93	447201	27.18	ng	#	64
8) 2-Chlorophenol	6.74	128	475805	46.00	ng		95
9) Benzaldehyde	6.49	77	169971	19.67	ng		87
10) Phenol	6.60	94	593798	42.07	ng		94
11) bis(2-Chloroethyl)ether	6.68	93	483522	42.92	ng		92
12) 1,3-Dichlorobenzene	6.89	146	521133m	43.02	ng		
13) 1,4-Dichlorobenzene	6.97	146	530643	43.28	ng		94
14) 1,2-Dichlorobenzene	7.12	146	428999	36.59	ng		99
15) Benzyl Alcohol	7.09	79	373773	41.85	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	764805	39.08	ng		94
17) 2-Methylphenol	7.21	107	333959	37.63	ng		97
18) Hexachloroethane	7.46	117	152815	36.51	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	297894	38.79	ng	#	97
20) 3+4-Methylphenols	7.37	107	420194	39.60	ng	#	87
22) Acetophenone	7.36	105	565482	44.38	ng	#	96
24) Nitrobenzene	7.54	77	467044	45.39	ng	#	83
25) Isophorone	7.77	82	812223	43.50	ng		95
26) 2-Nitrophenol	7.85	139	222786	45.55	ng		93
27) 2,4-Dimethylphenol	7.89	122	352777	41.07	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	495026	40.03	ng		99
29) 2,4-Dichlorophenol	8.10	162	371141	46.33	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	384680	44.56	ng		97
31) Naphthalene	8.26	128	1122859	39.69	ng		99
32) Benzoic acid	7.98	122	74122	20.12	ng		98
33) 4-Chloroaniline	8.30	127	132439	11.94	ng		95
34) Hexachlorobutadiene	8.37	225	189213	39.84	ng		100
35) Caprolactam	8.67	113	111639	44.30	ng	#	33
36) 4-Chloro-3-methylphenol	8.81	107	391918	46.92	ng		92
37) 2-Methylnaphthalene	8.96	142	826620	45.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	356746	43.27	ng		99
40) Hexachlorocyclopentadiene	9.10	237	288734	77.63	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	250739	46.29	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	253627	42.73	ng		97
45) 1,1'-Biphenyl	9.42	154	998665	46.96	ng		98
46) 2-Chloronaphthalene	9.45	162	767929	46.16	ng		98
47) 2-Nitroaniline	9.54	65	224836	40.20	ng		95
48) Acenaphthylene	9.86	152	1103688	38.40	ng		99
49) Dimethylphthalate	9.72	163	1023474	51.74	ng		99
50) 2,6-Dinitrotoluene	9.79	165	203183	47.56	ng	#	77
51) Acenaphthene	10.03	154	717952	41.78	ng		97
52) 3-Nitroaniline	9.95	138	108393	22.17	ng		96
53) 2,4-Dinitrophenol	10.06	184	139632	65.18	ng	#	93
54) Dibenzofuran	10.21	168	1024788	44.59	ng	#	87
55) 4-Nitrophenol	10.13	139	306516	87.04	ng		88
56) 2,4-Dinitrotoluene	10.19	165	257949	45.35	ng		90
57) Fluorene	10.56	166	740037	41.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	197290	49.83	ng		96
59) Diethylphthalate	10.42	149	790881	42.42	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	376678	44.34	ng	#	78
61) 4-Nitroaniline	10.58	138	214828	42.90	ng		80
62) Azobenzene	10.70	77	908145	47.15	ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	125478	43.70	ng		93
65) n-Nitrosodiphenylamine	10.66	169	632216	41.71	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	220478	44.48	ng	#	79
67) Hexachlorobenzene	11.09	284	201684	41.17	ng	#	76
68) Atrazine	11.18	200	198984	40.91	ng		100
69) Pentachlorophenol	11.30	266	210284	82.88	ng		98
70) Phenanthrene	11.52	178	1164590	42.84	ng		98
71) Anthracene	11.56	178	1077062	39.46	ng		98
72) Carbazole	11.72	167	999563	38.31	ng		99
73) Di-n-butylphthalate	12.04	149	1181279	41.86	ng		98
74) Fluoranthene	12.70	202	1110462	39.61	ng		91
76) Benzidine	12.82	184	210269	15.51	ng		98
77) Pyrene	12.93	202	1113854	46.78	ng		98
79) Butylbenzylphthalate	13.54	149	446699	46.20	ng		99
80) Benzo(a)anthracene	14.11	228	793001	40.75	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	193579	27.91	ng	#	95
82) Chrysene	14.16	228	753789	41.37	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	619126	46.82	ng	#	97
84) Di-n-octyl phthalate	14.71	149	937692	43.55	ng		99
85) Indeno(1,2,3-cd)pyrene	17.07	276	828407	58.70	ng	#	94
87) Benzo(b)fluoranthene	15.16	252	708611m	36.63	ng		
88) Benzo(k)fluoranthene	15.20	252	736218m	44.08	ng		
89) Benzo(a)pyrene	15.53	252	713236	42.63	ng		97
90) Dibenzo(a,h)anthracene	17.08	278	695299	51.42	ng		96
91) Benzo(g,h,i)perylene	17.52	276	771834	56.50	ng	#	92

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

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