Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093667.D
Acq On : 15 Mar 2017 14:57
Operator : SJ/MA
Sample : PB97589BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97589BS

Quant Time: Mar 16 07:33:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	165546	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	711702	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	301992	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	565510	20.00	ng		0.00
75) Chrysene-d12	13.90	240	472687	20.00	ng		0.01
86) Perylene-d12	15.31	264	346958	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1441010	144.87	ng		0.00
7) Phenol-d6	6.38	99	1866821	148.83	ng		0.00
23) Nitrobenzene-d5	7.29	82	1146153	89.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	309540	157.32	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1661160	102.31	ng		0.00
78) Terphenyl-d14	12.84	244	1422310	78.23	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	206751	37.74	ng	#	81
3) Pyridine	3.02	79	276187m	19.77	ng		
4) n-Nitrosodimethylamine	2.90	42	321744	48.22	ng	#	73
8) 2-Chlorophenol	6.50	128	506800	45.47	ng		98
9) Benzaldehyde	6.26	77	294597	37.39	ng		94
10) Phenol	6.39	94	765233	49.79	ng	#	71
11) bis(2-Chloroethyl)ether	6.45	93	542761	43.69	ng		89
12) 1,3-Dichlorobenzene	6.64	146	558862m	43.81	ng		
13) 1,4-Dichlorobenzene	6.72	146	580537	44.45	ng		98
14) 1,2-Dichlorobenzene	6.88	146	512217	44.29	ng		96
15) Benzyl Alcohol	6.88	79	368227	41.18	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	917671	44.47	ng		71
17) 2-Methylphenol	7.01	107	429287	45.54	ng		99
18) Hexachloroethane	7.21	117	204672	46.47	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	403224	46.76	ng	#	94
20) 3+4-Methylphenols	7.17	107	594857	48.66	ng	#	72
22) Acetophenone	7.13	105	715189	41.76	ng		97
24) Nitrobenzene	7.30	77	625194	43.37	ng		100
25) Isophorone	7.54	82	1037777	40.12	ng	#	92
26) 2-Nitrophenol	7.62	139	290934	44.23	ng		91
27) 2,4-Dimethylphenol	7.68	122	459934	42.99	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	732021	44.83	ng		99
29) 2,4-Dichlorophenol	7.90	162	443330	44.04	ng		91
30) 1,2,4-Trichlorobenzene	7.94	180	434423	40.58	ng		96
31) Naphthalene	8.02	128	1467577	41.15	ng		99
32) Benzoic acid	7.86	122	245371	44.13	ng		97
33) 4-Chloroaniline	8.18	127	114347m	7.90	ng		
34) Hexachlorobutadiene	8.13	225	227669	41.29	ng		100
35) Caprolactam	8.48	113	138216m	40.20	ng		
36) 4-Chloro-3-methylphenol	8.61	107	427570	39.80	ng		99
37) 2-Methylnaphthalene	8.72	142	843351	37.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	402946	48.86	ng		99
40) Hexachlorocyclopentadiene	8.86	237	220940	102.23	ng		96
42) 2,4,6-Trichlorophenol	9.02	196	258073	50.09	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	238124	43.07	ng	#	91
45) 1,1'-Biphenyl	9.18	154	1031961	46.91	ng		96
46) 2-Chloronaphthalene	9.21	162	839229	49.84	ng		96
47) 2-Nitroaniline	9.33	65	282758	47.50	ng		97
48) Acenaphthylene	9.62	152	1328316	47.83	ng		98
49) Dimethylphthalate	9.50	163	1011832	50.54	ng		100
50) 2,6-Dinitrotoluene	9.57	165	226027	51.45	ng	#	81
51) Acenaphthene	9.80	154	797904	48.58	ng		96
52) 3-Nitroaniline	9.75	138	131540	24.92	ng	#	96
53) 2,4-Dinitrophenol	9.88	184	136083	68.02	ng	#	75
54) Dibenzofuran	9.97	168	1144851	55.70	ng		99
55) 4-Nitrophenol	9.96	139	111222m	43.39	ng		
56) 2,4-Dinitrotoluene	9.98	165	292924	54.28	ng	#	87
57) Fluorene	10.31	166	862730	49.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	202500m	51.90	ng		
59) Diethylphthalate	10.20	149	997407	52.13	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	395580	50.67	ng		92
61) 4-Nitroaniline	10.37	138	207465	38.44	ng		92
62) Azobenzene	10.46	77	1055443	48.54	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	137311	37.48	ng		90
65) n-Nitrosodiphenylamine	10.42	169	762608	40.39	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	249765	41.77	ng		96
67) Hexachlorobenzene	10.86	284	243042	42.56	ng	#	84
68) Atrazine	10.96	200	225035	40.72	ng		99
69) Pentachlorophenol	11.08	266	115388	58.53	ng		98
70) Phenanthrene	11.27	178	1271021	39.38	ng		99
71) Anthracene	11.33	178	1358315	41.60	ng		99
72) Carbazole	11.50	167	1253363	40.86	ng		97
73) Di-n-butylphthalate	11.82	149	1514385	42.67	ng	#	96
74) Fluoranthene	12.47	202	1405187	45.07	ng		92
76) Benzidine	12.61	184	430209	27.68	ng		98
77) Pyrene	12.69	202	1398109	40.67	ng		99
79) Butylbenzylphthalate	13.31	149	680378	47.01	ng		94
80) Benzo(a)anthracene	13.89	228	1092711m	39.15	ng		
81) 3,3'-Dichlorobenzidine	13.85	252	319863	32.72	ng	#	95
82) Chrysene	13.92	228	1059852m	41.04	ng		
83) Bis(2-ethylhexyl)phthalate	13.87	149	937719	46.49	ng		99
84) Di-n-octyl phthalate	14.47	149	1533647	45.62	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	816955	37.79	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	869985m	41.17	ng		
88) Benzo(k)fluoranthene	14.93	252	916825m	44.99	ng		
89) Benzo(a)pyrene	15.25	252	860265	44.55	ng		97
90) Dibenzo(a,h)anthracene	16.64	278	690031	43.19	ng		95
91) Benzo(g,h,i)perylene	17.05	276	715395	43.63	ng	#	94

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

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