Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093862.D
Acq On : 23 Mar 2017 5:24
Operator : SJ/MA
Sample : I2337-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q14-BASEMSD

Quant Time: Mar 23 07:06:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	197548	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	807699	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	366899	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	612527	20.00	ng		0.00
75) Chrysene-d12	14.72	240	423489	20.00	ng		0.00
86) Perylene-d12	16.35	264	326759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.52	112	1574848	134.65	ng		0.02
7) Phenol-d6	5.58	99	2048939	141.61	ng		0.01
23) Nitrobenzene-d5	6.64	82	1276513	90.19	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	405106	139.73	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	2210992	91.91	ng		0.00
78) Terphenyl-d14	13.44	244	1639297	86.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	229317	40.81	ng		99
3) Pyridine	2.90	79	649668	42.42	ng		98
4) n-Nitrosodimethylamine	2.86	42	309909	49.18	ng		94
6) Aniline	5.62	93	573010	28.47	ng		95
8) 2-Chlorophenol	5.75	128	631389	49.11	ng		97
9) Benzaldehyde	5.48	77	217834	22.30	ng		97
10) Phenol	5.59	94	848139	51.51	ng		97
11) bis(2-Chloroethyl)ether	5.69	93	614617	47.77	ng		100
12) 1,3-Dichlorobenzene	5.92	146	681216	47.24	ng		99
13) 1,4-Dichlorobenzene	6.01	146	688811	47.16	ng		97
14) 1,2-Dichlorobenzene	6.19	146	639430	47.54	ng		95
15) Benzyl Alcohol	6.15	79	556547	52.55	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.32	45	922589	46.53	ng		98
17) 2-Methylphenol	6.29	107	544979	49.50	ng		96
18) Hexachloroethane	6.58	117	249100	48.52	ng	#	84
19) n-Nitroso-di-n-propylamine	6.48	70	456420	49.08	ng		96
20) 3+4-Methylphenols	6.47	107	626910	47.01	ng	#	85
22) Acetophenone	6.46	105	856013	47.55	ng		96
24) Nitrobenzene	6.66	77	666093	47.72	ng		93
25) Isophorone	6.95	82	1243528	50.00	ng		96
26) 2-Nitrophenol	7.03	139	364279	54.72	ng		94
27) 2,4-Dimethylphenol	7.09	122	546303	47.63	ng		98
28) bis(2-Chloroethoxy)methane	7.21	93	809137	49.34	ng		99
29) 2,4-Dichlorophenol	7.33	162	551590	51.43	ng		100
30) 1,2,4-Trichlorobenzene	7.43	180	548166	49.63	ng		98
31) Naphthalene	7.52	128	1825546	47.01	ng		99
32) Benzoic acid	7.16	122	16785m	2.20	ng		
33) 4-Chloroaniline	7.57	127	261584	16.62	ng		93
34) Hexachlorobutadiene	7.67	225	276987	48.90	ng		98
35) Caprolactam	8.03	113	165524m	48.40	ng		
36) 4-Chloro-3-methylphenol	8.19	107	578038	51.58	ng		89
37) 2-Methylnaphthalene	8.36	142	1274590	49.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	455117	45.34	ng		98
40) Hexachlorocyclopentadiene	8.56	237	409733	87.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.71	196	373144	52.55	ng		98
43) 2,4,5-Trichlorophenol	8.76	196	366278	47.67	ng		94
45) 1,1'-Biphenyl	8.94	154	1385893	46.83	ng		97
46) 2-Chloronaphthalene	8.96	162	1099489	47.46	ng		94
47) 2-Nitroaniline	9.08	65	333849	48.58	ng	#	86
48) Acenaphthylene	9.47	152	1728652	44.90	ng		100
49) Dimethylphthalate	9.33	163	1435332	55.03	ng		100
50) 2,6-Dinitrotoluene	9.39	165	293687	49.12	ng	#	86
51) Acenaphthene	9.68	154	1025438	45.65	ng		100
52) 3-Nitroaniline	9.59	138	191184	27.23	ng		87
53) 2,4-Dinitrophenol	9.72	184	148988	48.52	ng	#	71
54) Dibenzofuran	9.90	168	1488636	48.68	ng		99
55) 4-Nitrophenol	9.81	139	507768	92.36	ng	#	69
56) 2,4-Dinitrotoluene	9.89	165	366258	48.77	ng	#	81
57) Fluorene	10.32	166	1074083	42.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	270341	51.28	ng		99
59) Diethylphthalate	10.20	149	1256731	48.75	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	467058	43.23	ng		93
61) 4-Nitroaniline	10.35	138	309627	45.96	ng		94
62) Azobenzene	10.52	77	1224322	50.21	ng		97
64) 4,6-Dinitro-2-methylphenol	10.39	198	172569	46.00	ng	#	69
65) n-Nitrosodiphenylamine	10.47	169	1041011	49.14	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	298092	49.48	ng		97
67) Hexachlorobenzene	10.99	284	299223	49.07	ng	#	87
68) Atrazine	11.14	200	306763	48.35	ng		98
69) Pentachlorophenol	11.23	266	334826	88.21	ng		99
70) Phenanthrene	11.50	178	1594389	46.79	ng		99
71) Anthracene	11.56	178	1631169	46.49	ng		99
72) Carbazole	11.76	167	1541631	42.85	ng		99
73) Di-n-butylphthalate	12.21	149	1880712	50.27	ng		99
74) Fluoranthene	12.96	202	1606223	46.04	ng		99
76) Benzidine	13.12	184	519622	31.00	ng		95
77) Pyrene	13.23	202	1616702	52.60	ng		100
79) Butylbenzylphthalate	14.05	149	771335	58.90	ng	#	87
80) Benzo(a)anthracene	14.70	228	1216090	49.24	ng		98
81) 3,3'-Dichlorobenzidine	14.67	252	247679	28.06	ng	#	96
82) Chrysene	14.75	228	1037655	45.28	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	1052204	58.89	ng		98
84) Di-n-octyl phthalate	15.52	149	1683800	56.42	ng		99
85) Indeno(1,2,3-cd)pyrene	17.74	276	956615	48.20	ng		98
87) Benzo(b)fluoranthene	15.94	252	980152	48.94	ng		99
88) Benzo(k)fluoranthene	15.97	252	901883	46.02	ng		96
89) Benzo(a)pyrene	16.29	252	895756	48.56	ng		99
90) Dibenzo(a,h)anthracene	17.77	278	787918	50.44	ng		97
91) Benzo(g,h,i)perylene	18.16	276	818107	51.97	ng		98

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

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