Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091934.D
Acq On : 23 Dec 2016 20:00
Operator : UM/SJ
Sample : H6238-13MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIT-003-COMPMSD

Quant Time: Dec 26 12:24:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 12:17:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	206675	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	838885	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	405347	20.00	ng		-0.01
63) Phenanthrene-d10	11.27	188	601851	20.00	ng		0.00
75) Chrysene-d12	13.89	240	396374	20.00	ng		-0.01
86) Perylene-d12	15.29	264	393846	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1764777	142.58	ng		0.05
7) Phenol-d6	6.44	99	2096670	138.74	ng		0.03
23) Nitrobenzene-d5	7.32	82	1465746	97.16	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	465719	138.83	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1875290	96.54	ng		-0.01
78) Terphenyl-d14	12.84	244	1272716	77.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	236237	38.77	ng		97
3) Pyridine	3.00	79	903005	42.46	ng		96
4) n-Nitrosodimethylamine	2.97	42	402606	50.18	ng		97
6) Aniline	6.42	93	706103	35.97	ng	#	46
8) 2-Chlorophenol	6.54	128	641359	45.55	ng		94
9) Benzaldehyde	6.28	77	95528	8.49	ng		93
10) Phenol	6.45	94	1059762	61.54	ng	#	75
11) bis(2-Chloroethyl)ether	6.49	93	685589	50.04	ng		99
12) 1,3-Dichlorobenzene	6.68	146	692336	46.06	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	724967	47.39	ng		96
14) 1,2-Dichlorobenzene	6.91	146	582363	43.87	ng		94
15) Benzyl Alcohol	6.91	79	610802	52.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	984257	48.24	ng		95
17) 2-Methylphenol	7.05	107	569925	50.33	ng		99
18) Hexachloroethane	7.25	117	261923	46.18	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	504127	50.14	ng		98
20) 3+4-Methylphenols	7.20	107	775627	57.43	ng	#	71
22) Acetophenone	7.16	105	1029825	49.77	ng	#	93
24) Nitrobenzene	7.33	77	699269	43.52	ng		99
25) Isophorone	7.57	82	1286988	46.24	ng		94
26) 2-Nitrophenol	7.65	139	402012	50.73	ng		92
27) 2,4-Dimethylphenol	7.71	122	583216	44.38	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	896869	53.14	ng		100
29) 2,4-Dichlorophenol	7.92	162	564477	50.72	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	576138	47.24	ng	#	96
31) Naphthalene	8.05	128	1880238	48.97	ng		99
32) Benzoic acid	7.85	122	166589	17.09	ng		83
33) 4-Chloroaniline	8.11	127	383338	22.14	ng		99
34) Hexachlorobutadiene	8.17	225	310103	48.17	ng		100
35) Caprolactam	8.49	113	175362	47.95	ng	#	66
36) 4-Chloro-3-methylphenol	8.62	107	599750	46.83	ng		99
37) 2-Methylnaphthalene	8.74	142	1157129	53.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	525444	51.31	ng		98
40) Hexachlorocyclopentadiene	8.90	237	233905	52.71	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356980	49.84	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	350550	47.56	ng	#	93
45) 1,1'-Biphenyl	9.21	154	1382699	49.82	ng		98
46) 2-Chloronaphthalene	9.23	162	1050052	47.77	ng		94
47) 2-Nitroaniline	9.33	65	367506	46.96	ng		94
48) Acenaphthylene	9.64	152	1526118	45.15	ng		99
49) Dimethylphthalate	9.52	163	1627896	62.79	ng		98
50) 2,6-Dinitrotoluene	9.58	165	299282	52.74	ng	#	74
51) Acenaphthene	9.81	154	1017789	44.41	ng		99
52) 3-Nitroaniline	9.74	138	200781	28.59	ng		95
53) 2,4-Dinitrophenol	9.86	184	96831	30.67	ng		94
54) Dibenzofuran	9.98	168	1305521	42.18	ng		95
55) 4-Nitrophenol	9.95	139	511678	107.31	ng		96
56) 2,4-Dinitrotoluene	9.98	165	376590	52.88	ng		91
57) Fluorene	10.33	166	1023012	45.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	292398	50.16	ng		98
59) Diethylphthalate	10.21	149	1260582	50.07	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	505540	51.28	ng	#	78
61) 4-Nitroaniline	10.36	138	248457	34.14	ng		95
62) Azobenzene	10.48	77	1336913	48.23	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	98443	27.05	ng	#	35
65) n-Nitrosodiphenylamine	10.44	169	975999	54.65	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	308181	49.22	ng		96
67) Hexachlorobenzene	10.88	284	335651	50.16	ng		97
68) Atrazine	10.98	200	313799	54.47	ng		97
69) Pentachlorophenol	11.08	266	329711	100.41	ng		99
70) Phenanthrene	11.29	178	1702261	52.16	ng		99
71) Anthracene	11.33	178	1477826	55.46	ng		99
72) Carbazole	11.51	167	1452984	48.05	ng		97
73) Di-n-butylphthalate	11.83	149	1675495	55.10	ng		99
74) Fluoranthene	12.47	202	1371567	48.17	ng		98
76) Benzidine	12.60	184	688001	81.82	ng		96
77) Pyrene	12.69	202	1320934	45.42	ng		99
79) Butylbenzylphthalate	13.32	149	662972	50.12	ng		90
80) Benzo(a)anthracene	13.88	228	1101618	49.24	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	370317	43.65	ng		97
82) Chrysene	13.92	228	891563	39.73	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	791633	50.82	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1393584	48.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1000649	51.47	ng		98
87) Benzo(b)fluoranthene	14.90	252	1204117m	49.11	ng		
88) Benzo(k)fluoranthene	14.92	252	925951m	44.28	ng		
89) Benzo(a)pyrene	15.23	252	1019047	46.82	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	823975	46.06	ng		98
91) Benzo(g,h,i)perylene	17.03	276	813937	43.76	ng		98

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

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