Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098790.D
Acq On : 25 Sep 2017 18:42
Operator : SJ/JU
Sample : PB102556BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102556BS

Quant Time: Sep 26 05:18:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130903	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	552200	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	254592	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	461963	20.00	ng		0.00
75) Chrysene-d12	14.08	240	390952	20.00	ng		0.00
86) Perylene-d12	15.57	264	320931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	146490	17.81	ng		-0.01
7) Phenol-d6	6.52	99	171867	16.94	ng		-0.02
23) Nitrobenzene-d5	7.47	82	100070	11.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	34497	16.56	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	204556	13.41	ng		-0.01
78) Terphenyl-d14	13.02	244	196892	11.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	20446	5.205	ng	#	94
3) Pyridine	3.57	79	52089	4.902	ng		98
4) n-Nitrosodimethylamine	3.48	42	22830	5.067	ng	#	91
6) Aniline	6.57	93	38571	2.817	ng		99
8) 2-Chlorophenol	6.69	128	50838	5.459	ng		95
10) Phenol	6.54	94	61754	5.443	ng		94
11) bis(2-Chloroethyl)ether	6.64	93	47862	5.427	ng		99
12) 1,3-Dichlorobenzene	6.85	146	53870	5.524	ng		98
13) 1,4-Dichlorobenzene	6.93	146	53900	5.432	ng		99
14) 1,2-Dichlorobenzene	7.08	146	50117	5.466	ng		99
15) Benzyl Alcohol	7.05	79	41896	5.630	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	74745	5.440	ng		99
17) 2-Methylphenol	7.15	107	40091	5.262	ng		97
18) Hexachloroethane	7.43	117	18531	5.196	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	35132	5.424	ng		96
20) 3+4-Methylphenols	7.30	107	54438	5.648	ng		93
22) Acetophenone	7.32	105	71372	5.335	ng	#	97
24) Nitrobenzene	7.49	77	51268	5.249	ng		99
25) Isophorone	7.73	82	91946	5.165	ng		98
26) 2-Nitrophenol	7.80	139	22035	4.691	ng		97
27) 2,4-Dimethylphenol	7.83	122	46613	5.255	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	57956	5.224	ng		98
29) 2,4-Dichlorophenol	8.05	162	39104	5.135	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	40266	5.286	ng		96
31) Naphthalene	8.22	128	144959	5.589	ng		98
32) Benzoic acid	7.89	122	20548	2.820	ng		99
33) 4-Chloroaniline	8.26	127	39240	3.623	ng		99
34) Hexachlorobutadiene	8.33	225	20384	5.196	ng		98
35) Caprolactam	8.59	113	12600	5.158	ng		95
36) 4-Chloro-3-methylphenol	8.73	107	42554	4.971	ng		97
37) 2-Methylnaphthalene	8.90	142	97577	5.788	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	37855	4.986	ng		98
40) Hexachlorocyclopentadiene	9.06	237	34104	9.829	ng		99
42) 2,4,6-Trichlorophenol	9.18	196	27143	5.046	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	27667	5.153	ng		96
45) 1,1'-Biphenyl	9.37	154	113488	5.187	ng		96
46) 2-Chloronaphthalene	9.39	162	89834	5.468	ng		97
47) 2-Nitroaniline	9.49	65	25437	5.057	ng		99
48) Acenaphthylene	9.81	152	134786	5.359	ng		100
49) Dimethylphthalate	9.66	163	104470	5.437	ng		98
50) 2,6-Dinitrotoluene	9.73	165	19824	4.739	ng		99
51) Acenaphthene	9.98	154	89105	5.593	ng		99
52) 3-Nitroaniline	9.89	138	21989	4.508	ng		97
53) 2,4-Dinitrophenol	10.00	184	11151	10.575	ng		92
54) Dibenzofuran	10.16	168	125057	5.896	ng		99
55) 4-Nitrophenol	10.04	139	39308	9.530	ng		94
56) 2,4-Dinitrotoluene	10.13	165	27476	5.061	ng	#	94
57) Fluorene	10.50	166	99727	5.850	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	20999	5.661	ng		98
59) Diethylphthalate	10.36	149	107693	5.736	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	44050	5.752	ng		97
61) 4-Nitroaniline	10.50	138	23659	5.028	ng		96
62) Azobenzene	10.65	77	102917	5.961	ng		99
64) 4,6-Dinitro-2-methylphenol	10.53	198	8942	3.181	ng		93
65) n-Nitrosodiphenylamine	10.60	169	84971	5.309	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	23779	5.259	ng		95
67) Hexachlorobenzene	11.05	284	24890	5.154	ng		97
68) Atrazine	11.13	200	25859	5.370	ng		93
69) Pentachlorophenol	11.23	266	23959	7.971	ng		99
70) Phenanthrene	11.46	178	144671	5.851	ng		98
71) Anthracene	11.51	178	148300	5.861	ng		99
72) Carbazole	11.66	167	136785	5.521	ng		99
73) Di-n-butylphthalate	11.99	149	168056	5.635	ng		98
74) Fluoranthene	12.65	202	150748	6.020	ng		97
76) Benzidine	12.77	184	47918	3.314	ng		100
77) Pyrene	12.88	202	155806	5.226	ng		99
79) Butylbenzylphthalate	13.49	149	72395	5.167	ng		95
80) Benzo(a)anthracene	14.06	228	132235	5.586	ng		97
81) 3,3'-Dichlorobenzidine	14.03	252	30972	3.569	ng		96
82) Chrysene	14.10	228	123658	5.487	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	104859	5.435	ng	#	97
84) Di-n-octyl phthalate	14.66	149	169505	5.457	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	84050	4.662	ng		96
87) Benzo(b)fluoranthene	15.12	252	113093	5.731	ng		98
88) Benzo(k)fluoranthene	15.15	252	104582	5.366	ng		97
89) Benzo(a)pyrene	15.50	252	101686	5.614	ng	#	97
90) Dibenzo(a,h)anthracene	17.08	278	69779	4.814	ng		99
91) Benzo(g,h,i)perylene	17.52	276	68016	4.747	ng	#	92

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

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