Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099160.D
Acq On : 6 Oct 2017 21:11
Operator : SJ/JU
Sample : I5571-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAMT-COMP-C-DMSD

Quant Time: Oct 06 22:59:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131505	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	546325	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	245662	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	446358	20.00	ng		0.00
75) Chrysene-d12	14.03	240	291431	20.00	ng		0.00
86) Perylene-d12	15.50	264	219073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	434214	52.56	ng		0.00
7) Phenol-d6	6.49	99	396019	38.86	ng		0.00
23) Nitrobenzene-d5	7.43	82	623898	73.24	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	157105	78.15	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1112904	75.63	ng		0.00
78) Terphenyl-d14	12.97	244	892051	69.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	81790	20.73	ng		98
3) Pyridine	3.46	79	230599	21.60	ng		98
4) n-Nitrosodimethylamine	3.41	42	92257	20.38	ng		87
6) Aniline	6.53	93	328533	23.89	ng		98
8) 2-Chlorophenol	6.65	128	226004	24.16	ng		93
9) Benzaldehyde	6.42	77	171228	28.97	ng		97
10) Phenol	6.50	94	191509	16.80	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	313867	35.42	ng		97
12) 1,3-Dichlorobenzene	6.80	146	312445	31.89	ng		98
13) 1,4-Dichlorobenzene	6.88	146	320087	32.11	ng		99
14) 1,2-Dichlorobenzene	7.03	146	300946	32.67	ng		99
15) Benzyl Alcohol	7.00	79	221953	29.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	464248	33.63	ng		97
17) 2-Methylphenol	7.12	107	168142	21.97	ng		99
18) Hexachloroethane	7.37	117	106930	29.84	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	220458	33.88	ng		95
20) 3+4-Methylphenols	7.27	107	192610	19.89	ng	#	43
22) Acetophenone	7.27	105	450119	34.01	ng	#	94
24) Nitrobenzene	7.45	77	396108	40.99	ng		92
25) Isophorone	7.68	82	616957	35.03	ng		100
26) 2-Nitrophenol	7.76	139	125978	27.11	ng		89
27) 2,4-Dimethylphenol	7.79	122	193976	22.10	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	401067	36.54	ng		99
29) 2,4-Dichlorophenol	8.00	162	195457	25.94	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	257270	34.14	ng		98
31) Naphthalene	8.17	128	902995	35.19	ng		99
33) 4-Chloroaniline	8.22	127	305951	28.55	ng		97
34) Hexachlorobutadiene	8.28	225	121146	31.21	ng		98
35) Caprolactam	8.57	113	28202	11.67	ng	#	82
36) 4-Chloro-3-methylphenol	8.69	107	201129	23.75	ng		95
37) 2-Methylnaphthalene	8.86	142	638492	38.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	247684	33.81	ng		99
40) Hexachlorocyclopentadiene	9.01	237	154982	46.29	ng		97
42) 2,4,6-Trichlorophenol	9.13	196	128069	24.68	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	132793	25.63	ng		97
45) 1,1'-Biphenyl	9.32	154	739996	35.05	ng		98
46) 2-Chloronaphthalene	9.35	162	587133	37.04	ng		96
47) 2-Nitroaniline	9.45	65	141122	29.07	ng		96
48) Acenaphthylene	9.76	152	898954	37.04	ng		100
49) Dimethylphthalate	9.62	163	803692	43.35	ng		100
50) 2,6-Dinitrotoluene	9.69	165	158673	39.31	ng		95
51) Acenaphthene	9.94	154	528415	34.38	ng		99
52) 3-Nitroaniline	9.86	138	147716	31.38	ng		92
53) 2,4-Dinitrophenol	9.96	184	17504	13.55	ng		97
54) Dibenzofuran	10.11	168	803096	39.24	ng		99
55) 4-Nitrophenol	10.01	139	87806	22.06	ng		92
56) 2,4-Dinitrotoluene	10.09	165	206909	39.50	ng		90
57) Fluorene	10.45	166	615445	37.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	93201	26.04	ng		99
59) Diethylphthalate	10.32	149	662333	36.56	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	276813	37.46	ng		97
61) 4-Nitroaniline	10.47	138	111429	24.54	ng		88
62) Azobenzene	10.60	77	636747	38.22	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	32026	11.79	ng		85
65) n-Nitrosodiphenylamine	10.56	169	529256	34.23	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	162006	37.08	ng	#	89
67) Hexachlorobenzene	11.00	284	165267	35.42	ng		98
68) Atrazine	11.09	200	178696	38.41	ng		100
69) Pentachlorophenol	11.19	266	71937	24.77	ng		99
70) Phenanthrene	11.42	178	901109	37.72	ng		99
71) Anthracene	11.47	178	930269	38.05	ng		99
72) Carbazole	11.62	167	870447	36.36	ng		99
73) Di-n-butylphthalate	11.94	149	1044427	36.25	ng		98
74) Fluoranthene	12.60	202	921422	38.09	ng		98
76) Benzidine	12.72	184	54879	5.09	ng		98
77) Pyrene	12.83	202	947373	42.63	ng		99
79) Butylbenzylphthalate	13.44	149	435883	41.73	ng		97
80) Benzo(a)anthracene	14.02	228	685124	38.82	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	96436	14.91	ng		97
82) Chrysene	14.06	228	625371	37.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	579542	40.30	ng	#	98
84) Di-n-octyl phthalate	14.60	149	819671	35.40	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	526195	39.15	ng		96
87) Benzo(b)fluoranthene	15.07	252	492714	36.58	ng		97
88) Benzo(k)fluoranthene	15.10	252	495070	37.21	ng		99
89) Benzo(a)pyrene	15.44	252	471368	38.12	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	434617	43.92	ng		96
91) Benzo(g,h,i)perylene	17.43	276	468170	47.87	ng		96

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

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