Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100755.D
Acq On : 21 Nov 2017 2:35
Operator : SJ/JU
Sample : I6535-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-4252-RT-3025-RT-2342MSD

Quant Time: Nov 21 03:34:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	92854	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	351760	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	140482	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	213139	20.00	ng		0.00
75) Chrysene-d12	14.04	240	193114	20.00	ng		0.00
86) Perylene-d12	15.51	264	165640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	628745	108.54	ng		0.00
7) Phenol-d6	6.51	99	750874	105.12	ng		0.00
23) Nitrobenzene-d5	7.44	82	465544	87.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	153044	106.91	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	876769	95.03	ng		0.00
78) Terphenyl-d14	12.98	244	609290	72.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	76132	26.969	ng		98
3) Pyridine	3.47	79	221535	28.765	ng		97
4) n-Nitrosodimethylamine	3.43	42	109105	29.178	ng		98
6) Aniline	6.54	93	248298	24.605	ng		98
8) 2-Chlorophenol	6.66	128	223168	36.418	ng		95
9) Benzaldehyde	6.43	77	69720	13.668	ng		96
10) Phenol	6.52	94	292089	38.952	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	204047	32.396	ng		96
12) 1,3-Dichlorobenzene	6.82	146	255776	36.203	ng		96
13) 1,4-Dichlorobenzene	6.89	146	257494	36.010	ng		97
14) 1,2-Dichlorobenzene	7.05	146	239443	36.216	ng		97
15) Benzyl Alcohol	7.02	79	188486	33.810	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	355217	35.261	ng		99
17) 2-Methylphenol	7.12	107	187708	35.845	ng		98
18) Hexachloroethane	7.39	117	74173	31.460	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	150939	30.470	ng		96
20) 3+4-Methylphenols	7.27	107	227263	34.295	ng	#	90
22) Acetophenone	7.29	105	295001	34.392	ng	#	97
24) Nitrobenzene	7.46	77	219904	40.156	ng		97
25) Isophorone	7.69	82	400791	35.847	ng		99
26) 2-Nitrophenol	7.77	139	108357	42.852	ng		94
27) 2,4-Dimethylphenol	7.80	122	194632	38.833	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	260802	35.660	ng		99
29) 2,4-Dichlorophenol	8.01	162	190841	39.885	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	197753	38.208	ng		96
31) Naphthalene	8.18	128	616782	36.404	ng		99
32) Benzoic acid	7.89	122	45703	18.954	ng		95
33) 4-Chloroaniline	8.22	127	137648	19.518	ng		99
34) Hexachlorobutadiene	8.29	225	113725	36.956	ng		99
35) Caprolactam	8.59	113	52024	31.682	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	180433	35.111	ng		95
37) 2-Methylnaphthalene	8.87	142	411817	36.612	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	190303	40.846	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	38546	17.578	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	128530	43.527 ng		99
43) 2,4,5-Trichlorophenol	9.19	196	127772	41.764 ng		94
45) 1,1'-Biphenyl	9.33	154	480455	39.543 ng		97
46) 2-Chloronaphthalene	9.36	162	369330	41.900 ng		96
47) 2-Nitroaniline	9.45	65	107231	41.567 ng		97
48) Acenaphthylene	9.77	152	536558	36.731 ng		99
49) Dimethylphthalate	9.63	163	484315	45.153 ng		99
50) 2,6-Dinitrotoluene	9.70	165	89631	42.216 ng	#	82
51) Acenaphthene	9.95	154	315844	35.551 ng		98
52) 3-Nitroaniline	9.86	138	79001	31.511 ng		95
53) 2,4-Dinitrophenol	9.97	184	6457	16.885 ng	#	17
54) Dibenzofuran	10.12	168	463456	37.220 ng		98
55) 4-Nitrophenol	10.02	139	120909	59.393 ng		90
56) 2,4-Dinitrotoluene	10.10	165	106292	39.684 ng	#	88
57) Fluorene	10.46	166	337437	36.993 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	91006	36.295 ng	#	84
59) Diethylphthalate	10.33	149	402412	37.491 ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	174061	38.898 ng		88
61) 4-Nitroaniline	10.47	138	79713	33.531 ng		87
62) Azobenzene	10.61	77	322026	31.854 ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	6884	13.825 ng		82
65) n-Nitrosodiphenylamine	10.57	169	319447	43.104 ng		96
66) 4-Bromophenyl-phenylether	10.94	248	100982	44.197 ng	#	88
67) Hexachlorobenzene	11.01	284	96292	40.295 ng	#	82
68) Atrazine	11.09	200	92795	41.364 ng		97
69) Pentachlorophenol	11.20	266	100928	58.901 ng		96
70) Phenanthrene	11.42	178	431881	38.485 ng		98
71) Anthracene	11.47	178	433312	38.059 ng		99
72) Carbazole	11.63	167	381145	36.281 ng		98
73) Di-n-butylphthalate	11.95	149	513182	41.743 ng		99
74) Fluoranthene	12.61	202	430934	36.233 ng		97
76) Benzidine	12.73	184	296354	38.319 ng		97
77) Pyrene	12.84	202	452819	32.894 ng		99
79) Butylbenzylphthalate	13.45	149	189498	33.755 ng		92
80) Benzo(a)anthracene	14.03	228	451158	38.795 ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	157595	37.823 ng		99
82) Chrysene	14.06	228	425055	37.745 ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	279991	37.920 ng		98
84) Di-n-octyl phthalate	14.62	149	509467	40.164 ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	293727	32.247 ng		94
87) Benzo(b)fluoranthene	15.08	252	393620	40.111 ng		98
88) Benzo(k)fluoranthene	15.11	252	374504	40.390 ng		96
89) Benzo(a)pyrene	15.45	252	339451	39.018 ng		97
90) Dibenzo(a,h)anthracene	17.01	278	247197	34.744 ng	#	96
91) Benzo(g,h,i)perylene	17.44	276	236489	33.956 ng		95

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

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