Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099824.D
Acq On : 25 Oct 2017 20:19
Operator : SJ/JU
Sample : PB103578BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103578BS

Quant Time: Oct 26 02:36:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68316	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	283935	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	130480	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	232410	20.00	ng		0.00
75) Chrysene-d12	13.99	240	166438	20.00	ng		0.00
86) Perylene-d12	15.46	264	148496	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	598348	137.51	ng		0.01
7) Phenol-d6	6.44	99	711729	137.94	ng		0.00
23) Nitrobenzene-d5	7.37	82	409878	92.94	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	160780	135.21	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	847593	100.22	ng		0.00
78) Terphenyl-d14	12.92	244	738679	96.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	69258	36.042	ng		91
3) Pyridine	3.32	79	160363	34.703	ng		90
4) n-Nitrosodimethylamine	3.26	42	70390	42.639	ng	#	76
6) Aniline	6.46	93	148343	22.174	ng	#	83
8) 2-Chlorophenol	6.59	128	216464	46.675	ng		90
9) Benzaldehyde	6.35	77	60167	19.515	ng		94
10) Phenol	6.45	94	257024	45.371	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	190997	43.661	ng		94
12) 1,3-Dichlorobenzene	6.73	146	229751	44.121	ng		96
13) 1,4-Dichlorobenzene	6.81	146	234806	44.429	ng		98
14) 1,2-Dichlorobenzene	6.96	146	217082	45.069	ng		97
15) Benzyl Alcohol	6.95	79	149202	45.470	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	246416	50.709	ng		72
17) 2-Methylphenol	7.06	107	174311	44.934	ng		97
18) Hexachloroethane	7.30	117	73049	41.430	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	131912	43.627	ng		88
20) 3+4-Methylphenols	7.21	107	220906	48.905	ng	#	59
22) Acetophenone	7.21	105	275999	42.692	ng	#	97
24) Nitrobenzene	7.39	77	202860	45.651	ng		90
25) Isophorone	7.62	82	378548	47.302	ng		96
26) 2-Nitrophenol	7.70	139	118677	46.628	ng		88
27) 2,4-Dimethylphenol	7.74	122	192805	51.414	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	251583	44.888	ng		99
29) 2,4-Dichlorophenol	7.95	162	186868	47.968	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	186737	44.863	ng		98
31) Naphthalene	8.10	128	609505	44.471	ng		99
32) Benzoic acid	7.89	122	110303	33.417	ng		93
33) 4-Chloroaniline	8.16	127	96843	17.111	ng		95
34) Hexachlorobutadiene	8.21	225	93353	43.603	ng		98
35) Caprolactam	8.54	113	59700	48.731	ng	#	78
36) 4-Chloro-3-methylphenol	8.65	107	182896	45.998	ng		93
37) 2-Methylnaphthalene	8.79	142	424353	46.201	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	178091	42.260	ng		97
40) Hexachlorocyclopentadiene	8.94	237	18988	33.191	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	120501	47.272	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	126003	46.581	ng	#	91
45) 1,1'-Biphenyl	9.26	154	504371	42.729	ng		99
46) 2-Chloronaphthalene	9.29	162	389887	45.482	ng		97
47) 2-Nitroaniline	9.39	65	102487	45.552	ng		89
48) Acenaphthylene	9.70	152	577586	43.746	ng		99
49) Dimethylphthalate	9.56	163	461262	44.640	ng		100
50) 2,6-Dinitrotoluene	9.63	165	99895	45.987	ng		92
51) Acenaphthene	9.87	154	347186	43.036	ng		98
52) 3-Nitroaniline	9.81	138	68535	26.777	ng		87
53) 2,4-Dinitrophenol	9.93	184	33479	41.986	ng	#	83
54) Dibenzofuran	10.05	168	512668	45.019	ng		98
55) 4-Nitrophenol	9.99	139	127815	95.573	ng		80
56) 2,4-Dinitrotoluene	10.05	165	123960	47.386	ng		88
57) Fluorene	10.39	166	417903	44.322	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92584	48.816	ng	#	93
59) Diethylphthalate	10.27	149	439539	43.559	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	192055	43.281	ng		92
61) 4-Nitroaniline	10.43	138	92982	38.077	ng		84
62) Azobenzene	10.54	77	374920	44.324	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	32560	22.287	ng	#	69
65) n-Nitrosodiphenylamine	10.50	169	372059	43.367	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	111107	45.411	ng		95
67) Hexachlorobenzene	10.95	284	110384	44.098	ng	#	87
68) Atrazine	11.03	200	118312	45.909	ng		99
69) Pentachlorophenol	11.15	266	90297	84.422	ng		99
70) Phenanthrene	11.36	178	589085	44.913	ng		98
71) Anthracene	11.41	178	604416	45.399	ng		99
72) Carbazole	11.57	167	569551	45.492	ng		98
73) Di-n-butylphthalate	11.89	149	711772	44.573	ng		99
74) Fluoranthene	12.55	202	598194	43.886	ng		99
76) Benzidine	12.67	184	201455	27.662	ng		98
77) Pyrene	12.78	202	601729	47.546	ng		99
79) Butylbenzylphthalate	13.39	149	290373	46.593	ng	#	86
80) Benzo(a)anthracene	13.97	228	472503	44.783	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	147080	38.402	ng		98
82) Chrysene	14.02	228	452082	45.576	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	409659	46.808	ng		99
84) Di-n-octyl phthalate	14.56	149	680124	45.277	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	376456	41.341	ng		97
87) Benzo(b)fluoranthene	15.03	252	425545	45.383	ng		97
88) Benzo(k)fluoranthene	15.06	252	438100	49.547	ng		99
89) Benzo(a)pyrene	15.40	252	409456	48.612	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	323236	43.188	ng		97
91) Benzo(g,h,i)perylene	17.39	276	301240	41.140	ng		96

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

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