Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103491.D
Acq On : 7 Mar 2018 10:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 07 11:40:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 07 11:40:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134679	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	567455	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	251672	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	433641	20.00	ng		0.00
75) Chrysene-d12	14.06	240	310352	20.00	ng		0.00
86) Perylene-d12	15.56	264	276518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	721560	81.03	ng		0.00
7) Phenol-d6	6.50	99	839479	77.04	ng		0.00
23) Nitrobenzene-d5	7.44	82	788614	79.37	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	146146	68.60	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1159268	77.74	ng		0.00
78) Terphenyl-d14	12.99	244	938284	72.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	175297	37.272	ng		96
3) Pyridine	3.42	79	451189	35.934	ng		96
4) n-Nitrosodimethylamine	3.37	42	179966	35.539	ng		97
6) Aniline	6.53	93	582166	37.020	ng	#	83
8) 2-Chlorophenol	6.66	128	352177	38.071	ng		96
9) Benzaldehyde	6.42	77	226584	32.373	ng		94
10) Phenol	6.52	94	478969	37.865	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	347810	36.228	ng		96
12) 1,3-Dichlorobenzene	6.80	146	413873	39.150	ng		97
13) 1,4-Dichlorobenzene	6.88	146	434681	41.013	ng		98
14) 1,2-Dichlorobenzene	7.03	146	379982	38.881	ng		98
15) Benzyl Alcohol	7.02	79	309551	37.700	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	597704	36.255	ng		67
17) 2-Methylphenol	7.12	107	324261	38.572	ng	#	91
18) Hexachloroethane	7.37	117	149984	38.873	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	274000	40.404	ng		94
20) 3+4-Methylphenols	7.28	107	400793	39.111	ng	#	50
22) Acetophenone	7.28	105	545829	41.209	ng	#	88
24) Nitrobenzene	7.46	77	450316	41.162	ng		96
25) Isophorone	7.69	82	757540	38.709	ng		96
26) 2-Nitrophenol	7.77	139	209481	40.675	ng		92
27) 2,4-Dimethylphenol	7.80	122	305273	38.779	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	453220	39.390	ng		97
29) 2,4-Dichlorophenol	8.02	162	304244	40.367	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	304572	37.948	ng		98
31) Naphthalene	8.17	128	1046968	37.686	ng		99
32) Benzoic acid	7.96	122	215951	38.564	ng		94
33) 4-Chloroaniline	8.23	127	465895	38.862	ng		97
34) Hexachlorobutadiene	8.27	225	150854	36.094	ng		98
35) Caprolactam	8.60	113	97650	36.865	ng		87
36) 4-Chloro-3-methylphenol	8.71	107	336218	39.550	ng		96
37) 2-Methylnaphthalene	8.86	142	662319	36.888	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	262591	38.166	ng		98
40) Hexachlorocyclopentadiene	9.01	237	82237	39.027	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	165603	35.771	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	198343	37.250	ng		96
45) 1,1'-Biphenyl	9.33	154	830836	39.397	ng		99
46) 2-Chloronaphthalene	9.36	162	651844	39.070	ng		99
47) 2-Nitroaniline	9.46	65	266011	43.043	ng		88
48) Acenaphthylene	9.77	152	982303	38.266	ng		100
49) Dimethylphthalate	9.62	163	733989	36.355	ng		99
50) 2,6-Dinitrotoluene	9.70	165	159871	37.734	ng	#	76
51) Acenaphthene	9.95	154	566673	37.857	ng		100
52) 3-Nitroaniline	9.87	138	214151	39.839	ng		94
53) 2,4-Dinitrophenol	10.00	184	45610	35.840	ng	#	21
54) Dibenzofuran	10.12	168	765741	37.266	ng		96
55) 4-Nitrophenol	10.05	139	117179	35.173	ng	#	88
56) 2,4-Dinitrotoluene	10.11	165	193256	36.066	ng	#	67
57) Fluorene	10.46	166	636484	36.362	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	131853	36.862	ng		99
59) Diethylphthalate	10.32	149	722210	37.402	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	280561	37.797	ng		99
61) 4-Nitroaniline	10.50	138	201222	37.478	ng		99
62) Azobenzene	10.61	77	805837	40.999	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	89743	35.454	ng		85
65) n-Nitrosodiphenylamine	10.57	169	570615	37.792	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	166602	36.881	ng		96
67) Hexachlorobenzene	11.01	284	179961	36.704	ng		96
68) Atrazine	11.09	200	160066	35.271	ng		99
69) Pentachlorophenol	11.22	266	91591	38.635	ng		94
70) Phenanthrene	11.43	178	871289	36.510	ng		99
71) Anthracene	11.48	178	932321	38.098	ng		100
72) Carbazole	11.64	167	926385	38.014	ng		99
73) Di-n-butylphthalate	11.95	149	1147130	37.619	ng		99
74) Fluoranthene	12.62	202	916395	38.213	ng		99
76) Benzidine	12.74	184	493014	42.492	ng		99
77) Pyrene	12.86	202	905773	37.433	ng		99
79) Butylbenzylphthalate	13.45	149	497045	38.880	ng		93
80) Benzo(a)anthracene	14.05	228	744235	36.959	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	257638	35.851	ng		99
82) Chrysene	14.09	228	733367	37.508	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	623808	36.159	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1054762	37.841	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	557493	36.016	ng		98
87) Benzo(b)fluoranthene	15.12	252	616672	33.919	ng		98
88) Benzo(k)fluoranthene	15.15	252	644572	37.650	ng		99
89) Benzo(a)pyrene	15.50	252	599046	36.897	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	467121	37.234	ng		98
91) Benzo(g,h,i)perylene	17.57	276	472546	38.540	ng		99

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

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