Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103927.D
Acq On : 26 Mar 2018 16:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 27 07:22:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147096	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	601484	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	281285	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	504219	20.00	ng		0.00
75) Chrysene-d12	14.17	240	373015	20.00	ng		0.00
86) Perylene-d12	15.71	264	320298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	714835	73.91	ng		0.00
7) Phenol-d6	6.60	99	885606	74.85	ng		0.00
23) Nitrobenzene-d5	7.54	82	785671	91.09	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	238463	98.60	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1342495	76.13	ng		0.00
78) Terphenyl-d14	13.10	244	1291712	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	169715	35.639	ng	#	88
3) Pyridine	3.61	79	472766	36.094	ng		86
4) n-Nitrosodimethylamine	3.58	42	146244	30.282	ng	#	74
6) Aniline	6.64	93	617699	36.561	ng		98
8) 2-Chlorophenol	6.76	128	392637	38.756	ng		92
9) Benzaldehyde	6.53	77	255954	32.928	ng		99
10) Phenol	6.61	94	462691	36.801	ng		99
11) bis(2-Chloroethyl)ether	6.71	93	381961	36.801	ng		94
12) 1,3-Dichlorobenzene	6.92	146	442981	38.391	ng		99
13) 1,4-Dichlorobenzene	6.99	146	447578	38.602	ng		99
14) 1,2-Dichlorobenzene	7.15	146	416594	38.720	ng		100
15) Benzyl Alcohol	7.11	79	341514	37.253	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	500160	33.881	ng		93
17) 2-Methylphenol	7.22	107	341323	37.833	ng		98
18) Hexachloroethane	7.49	117	158955	38.974	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	264168	34.839	ng		91
20) 3+4-Methylphenols	7.37	107	429105	37.478	ng		90
22) Acetophenone	7.39	105	551489	35.676	ng	#	93
24) Nitrobenzene	7.56	77	416139	41.096	ng		93
25) Isophorone	7.79	82	705113	35.314	ng		99
26) 2-Nitrophenol	7.87	139	219904	55.293	ng		90
27) 2,4-Dimethylphenol	7.90	122	328951	38.457	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	448804	37.120	ng		100
29) 2,4-Dichlorophenol	8.11	162	320872	41.232	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	354351	39.259	ng		99
31) Naphthalene	8.28	128	1140178	37.526	ng		100
32) Benzoic acid	8.02	122	248269	42.551	ng		96
33) 4-Chloroaniline	8.33	127	498349	39.095	ng		97
34) Hexachlorobutadiene	8.39	225	191999	38.798	ng		99
35) Caprolactam	8.71	113	111178	41.489	ng	#	79
36) 4-Chloro-3-methylphenol	8.80	107	340495	39.689	ng		94
37) 2-Methylnaphthalene	8.97	142	743318	38.578	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	327689	40.835	ng		99
40) Hexachlorocyclopentadiene	9.12	237	158942	38.385	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	225314	43.897 ng		99
43) 2,4,5-Trichlorophenol	9.29	196	254335	43.901 ng		99
45) 1,1'-Biphenyl	9.43	154	908466	38.732 ng		99
46) 2-Chloronaphthalene	9.46	162	721705	38.740 ng		100
47) 2-Nitroaniline	9.56	65	216522	44.936 ng		97
48) Acenaphthylene	9.88	152	1120725	38.795 ng		100
49) Dimethylphthalate	9.73	163	858692	40.013 ng		99
50) 2,6-Dinitrotoluene	9.80	165	191514	46.287 ng		95
51) Acenaphthene	10.06	154	687905	40.104 ng		98
52) 3-Nitroaniline	9.97	138	222200	44.925 ng		94
53) 2,4-Dinitrophenol	10.08	184	74771	66.786 ng	#	14
54) Dibenzofuran	10.23	168	931236	38.012 ng		100
55) 4-Nitrophenol	10.12	139	160399	43.258 ng		92
56) 2,4-Dinitrotoluene	10.20	165	254982	48.418 ng		94
57) Fluorene	10.57	166	748367	39.367 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	186457	45.421 ng		93
59) Diethylphthalate	10.43	149	811184	38.083 ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	351162	40.420 ng		95
61) 4-Nitroaniline	10.59	138	219509	46.009 ng		91
62) Azobenzene	10.72	77	746007	34.449 ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	124805	60.098 ng		86
65) n-Nitrosodiphenylamine	10.67	169	669539	39.011 ng		99
66) 4-Bromophenyl-phenylether	11.05	248	214441	41.422 ng	#	88
67) Hexachlorobenzene	11.12	284	239320	40.503 ng	#	87
68) Atrazine	11.20	200	216824	40.840 ng		97
69) Pentachlorophenol	11.31	266	143395	42.212 ng		99
70) Phenanthrene	11.54	178	1053454	38.194 ng		99
71) Anthracene	11.59	178	1077916	38.478 ng		99
72) Carbazole	11.75	167	1039402	38.174 ng		99
73) Di-n-butylphthalate	12.06	149	1240648	37.974 ng		100
74) Fluoranthene	12.73	202	1095271	38.545 ng		98
76) Benzidine	12.85	184	728315	45.779 ng		99
77) Pyrene	12.96	202	1119414	40.864 ng		100
79) Butylbenzylphthalate	13.57	149	521709	42.985 ng		93
80) Benzo(a)anthracene	14.16	228	914452	38.729 ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	316754	40.106 ng		97
82) Chrysene	14.20	228	875615	38.902 ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	647917	37.368 ng		99
84) Di-n-octyl phthalate	14.75	149	1024983	40.634 ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	762354	38.785 ng		97
87) Benzo(b)fluoranthene	15.26	252	796301	39.351 ng		98
88) Benzo(k)fluoranthene	15.29	252	754006	38.763 ng		99
89) Benzo(a)pyrene	15.65	252	714860	38.949 ng		99
90) Dibenzo(a,h)anthracene	17.32	278	631692	39.747 ng		99
91) Benzo(g,h,i)perylene	17.79	276	625038	40.427 ng		96

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

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