Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099686.D
Acq On : 20 Oct 2017 5:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 20 13:56:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87402	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	356426	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	152903	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	229568	20.00	ng		0.00
75) Chrysene-d12	13.99	240	151262	20.00	ng		0.00
86) Perylene-d12	15.44	264	164375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	433786	79.01	ng		0.00
7) Phenol-d6	6.46	99	519464	76.70	ng		0.00
23) Nitrobenzene-d5	7.39	82	416222	74.89	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	93885	75.04	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	813967	88.87	ng		0.00
78) Terphenyl-d14	12.92	244	557894	83.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	96164	36.666	ng	#	89
3) Pyridine	3.32	79	241131	33.986	ng		93
4) n-Nitrosodimethylamine	3.27	42	87033	28.928	ng	#	73
6) Aniline	6.49	93	326387	35.705	ng		99
8) 2-Chlorophenol	6.61	128	247686	39.836	ng		92
9) Benzaldehyde	6.38	77	124470	31.681	ng		92
10) Phenol	6.47	94	301165	39.759	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	222306	37.751	ng		97
12) 1,3-Dichlorobenzene	6.76	146	262267	40.277	ng		96
13) 1,4-Dichlorobenzene	6.84	146	267570	40.387	ng		98
14) 1,2-Dichlorobenzene	6.99	146	247834	40.485	ng		97
15) Benzyl Alcohol	6.97	79	160526	32.307	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	287510	31.337	ng		79
17) 2-Methylphenol	7.08	107	187231	36.802	ng		98
18) Hexachloroethane	7.33	117	88896	37.330	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	142790	33.020	ng		92
20) 3+4-Methylphenols	7.23	107	228503	35.504	ng	#	66
22) Acetophenone	7.23	105	313690	36.325	ng	#	97
24) Nitrobenzene	7.41	77	230021	36.484	ng		91
25) Isophorone	7.65	82	411210	35.786	ng		99
26) 2-Nitrophenol	7.72	139	130748	43.126	ng		90
27) 2,4-Dimethylphenol	7.76	122	208731	36.456	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	275758	38.509	ng		99
29) 2,4-Dichlorophenol	7.97	162	198344	40.348	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	206672	42.036	ng		97
31) Naphthalene	8.13	128	659396	39.390	ng		100
32) Benzoic acid	7.90	122	131313	27.920	ng		97
33) 4-Chloroaniline	8.18	127	272566	38.990	ng	#	94
34) Hexachlorobutadiene	8.23	225	104698	41.344	ng		99
35) Caprolactam	8.56	113	54486	34.554	ng	#	80
36) 4-Chloro-3-methylphenol	8.66	107	197930	35.822	ng		90
37) 2-Methylnaphthalene	8.82	142	429493	39.467	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	201822	44.259	ng		98
40) Hexachlorocyclopentadiene	8.96	237	12511	6.004	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	126755	39.238	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	126983	39.377	ng		97
45) 1,1'-Biphenyl	9.27	154	556203	42.325	ng		99
46) 2-Chloronaphthalene	9.30	162	411385	41.695	ng		96
47) 2-Nitroaniline	9.41	65	103849	34.374	ng	#	81
48) Acenaphthylene	9.72	152	602716	39.904	ng		99
49) Dimethylphthalate	9.57	163	471857	40.888	ng		100
50) 2,6-Dinitrotoluene	9.65	165	102775	40.907	ng		91
51) Acenaphthene	9.89	154	357369	37.351	ng		98
52) 3-Nitroaniline	9.82	138	110437	37.699	ng		87
53) 2,4-Dinitrophenol	9.94	184	15705	16.960	ng	#	87
54) Dibenzofuran	10.06	168	488674	38.360	ng		97
55) 4-Nitrophenol	9.99	139	54878	22.154	ng		80
56) 2,4-Dinitrotoluene	10.06	165	116859	35.839	ng	#	93
57) Fluorene	10.40	166	408556	39.901	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	77028	34.578	ng	#	96
59) Diethylphthalate	10.27	149	439509	38.976	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	188359	40.953	ng		97
61) 4-Nitroaniline	10.43	138	93611	33.122	ng		86
62) Azobenzene	10.55	77	352468	33.994	ng		94
64) 4,6-Dinitro-2-methylphenol	10.47	198	40724	29.156	ng	#	74
65) n-Nitrosodiphenylamine	10.52	169	356624	44.842	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	103713	46.154	ng		96
67) Hexachlorobenzene	10.95	284	105097	43.791	ng		98
68) Atrazine	11.04	200	98202	41.041	ng		98
69) Pentachlorophenol	11.15	266	33540	22.455	ng		97
70) Phenanthrene	11.37	178	496862	40.434	ng		99
71) Anthracene	11.42	178	508871	40.473	ng		99
72) Carbazole	11.58	167	456995	37.116	ng		99
73) Di-n-butylphthalate	11.89	149	629889	42.502	ng		98
74) Fluoranthene	12.56	202	435008	34.960	ng		98
76) Benzidine	12.68	184	185683	33.189	ng		99
77) Pyrene	12.79	202	443118	38.417	ng		99
79) Butylbenzylphthalate	13.39	149	214320	39.536	ng		92
80) Benzo(a)anthracene	13.97	228	370415	40.441	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	136951	40.787	ng		97
82) Chrysene	14.02	228	356764	40.913	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	307680	41.221	ng		99
84) Di-n-octyl phthalate	14.56	149	554041	46.097	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	418703	60.025	ng		97
87) Benzo(b)fluoranthene	15.02	252	368637	36.475	ng		98
88) Benzo(k)fluoranthene	15.05	252	390837	39.154	ng		99
89) Benzo(a)pyrene	15.39	252	373640	40.276	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	347179	46.762	ng		97
91) Benzo(g,h,i)perylene	17.36	276	340129	46.347	ng		96

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

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