Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099607.D
Acq On : 18 Oct 2017 10:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/19/2017 5:14:23 PM

Quant Time: Oct 18 15:26:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103511	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	451895	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	210905	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	382971	20.00	ng		0.00
75) Chrysene-d12	14.00	240	266189	20.00	ng		0.00
86) Perylene-d12	15.46	264	192410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	557063	85.67	ng		0.00
7) Phenol-d6	6.48	99	689615	85.97	ng		0.00
23) Nitrobenzene-d5	7.40	82	575174	81.63	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	151236	87.63	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1071397	84.81	ng		0.00
78) Terphenyl-d14	12.93	244	1006742	86.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	124712	40.151	ng		92
3) Pyridine	3.35	79	305830	36.397	ng		90
4) n-Nitrosodimethylamine	3.32	42	120009	33.681	ng	#	77
6) Aniline	6.50	93	428988	39.625	ng		92
8) 2-Chlorophenol	6.62	128	321309	43.635	ng		93
9) Benzaldehyde	6.39	77	162232	34.866	ng		92
10) Phenol	6.49	94	386193	43.049	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	294470	42.223	ng		95
12) 1,3-Dichlorobenzene	6.77	146	337066	43.708	ng		97
13) 1,4-Dichlorobenzene	6.84	146	344417	43.896	ng		98
14) 1,2-Dichlorobenzene	7.00	146	313095	43.186	ng		98
15) Benzyl Alcohol	6.98	79	213030	36.202	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	369798	34.034	ng		81
17) 2-Methylphenol	7.09	107	251291	41.707	ng		96
18) Hexachloroethane	7.33	117	115836	41.073	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	189167	36.937	ng		92
20) 3+4-Methylphenols	7.24	107	302013	39.623	ng	#	71
22) Acetophenone	7.24	105	415538	37.953	ng	#	98
24) Nitrobenzene	7.42	77	315321	39.448	ng		97
25) Isophorone	7.66	82	569481	39.089	ng		97
26) 2-Nitrophenol	7.73	139	184699m	48.051	ng		
27) 2,4-Dimethylphenol	7.77	122	280197	38.599	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	372433	41.021	ng		99
29) 2,4-Dichlorophenol	7.97	162	269511	43.243	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	265124	42.532	ng		99
31) Naphthalene	8.13	128	879522	41.440	ng		99
32) Benzoic acid	7.93	122	243777m	40.883	ng		
33) 4-Chloroaniline	8.19	127	374849	42.293	ng		97
34) Hexachlorobutadiene	8.24	225	135400	42.172	ng		98
35) Caprolactam	8.57	113	87306m	43.670	ng		
36) 4-Chloro-3-methylphenol	8.67	107	290753	41.505	ng		96
37) 2-Methylnaphthalene	8.82	142	582187	42.196	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	269929	42.916	ng		99
40) Hexachlorocyclopentadiene	8.97	237	104986	36.524	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	182781	41.020	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	186013	41.819	ng		96
45) 1,1'-Biphenyl	9.29	154	762481	42.066	ng		99
46) 2-Chloronaphthalene	9.32	162	569078	41.815	ng		96
47) 2-Nitroaniline	9.42	65	163057	39.129	ng		94
48) Acenaphthylene	9.73	152	852314	40.910	ng		100
49) Dimethylphthalate	9.59	163	687966	43.220	ng		99
50) 2,6-Dinitrotoluene	9.66	165	155547	44.885	ng		92
51) Acenaphthene	9.90	154	515732	39.079	ng		99
52) 3-Nitroaniline	9.83	138	177626	43.959	ng		92
53) 2,4-Dinitrophenol	9.94	184	61478	37.420	ng		88
54) Dibenzofuran	10.07	168	698364	39.744	ng		98
55) 4-Nitrophenol	10.00	139	153097	44.808	ng		89
56) 2,4-Dinitrotoluene	10.07	165	186389	41.443	ng	#	94
57) Fluorene	10.42	166	608894	43.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	126721	41.241	ng		95
59) Diethylphthalate	10.29	149	640809	41.199	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	272044	42.881	ng		93
61) 4-Nitroaniline	10.45	138	167617	42.997	ng		89
62) Azobenzene	10.56	77	535222	37.424	ng		94
64) 4,6-Dinitro-2-methylphenol	10.48	198	105349	45.212	ng		81
65) n-Nitrosodiphenylamine	10.53	169	542981	40.926	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	158929	42.396	ng		94
67) Hexachlorobenzene	10.96	284	171290	42.783	ng		96
68) Atrazine	11.05	200	159895	40.057	ng		98
69) Pentachlorophenol	11.16	266	88793	35.635	ng		98
70) Phenanthrene	11.38	178	842875	41.117	ng		99
71) Anthracene	11.43	178	858297	40.920	ng		100
72) Carbazole	11.59	167	828468	40.334	ng		99
73) Di-n-butylphthalate	11.90	149	1003715	40.598	ng		99
74) Fluoranthene	12.57	202	852282	41.058	ng		98
76) Benzidine	12.69	184	335456	34.072	ng		99
77) Pyrene	12.80	202	870295	42.876	ng		100
79) Butylbenzylphthalate	13.40	149	419063	43.929	ng		92
80) Benzo(a)anthracene	13.99	228	675559	41.912	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	221310	37.454	ng		96
82) Chrysene	14.03	228	647879	42.220	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	552317	42.048	ng		98
84) Di-n-octyl phthalate	14.57	149	932704	44.098	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.94	276	466085	37.969	ng		97
87) Benzo(b)fluoranthene	15.03	252	524046	44.297	ng		97
88) Benzo(k)fluoranthene	15.06	252	513214	43.922	ng		99
89) Benzo(a)pyrene	15.40	252	465611	42.877	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	381146	43.857	ng		98
91) Benzo(g,h,i)perylene	17.37	276	402837	46.893	ng		95

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

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