Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099286.D
Acq On : 10 Oct 2017 2:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/10/2017 5:00:47 PM

Quant Time: Oct 10 05:20:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109892	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	448544	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	193763	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	297388	20.00	ng		0.00
75) Chrysene-d12	14.03	240	193773	20.00	ng		0.00
86) Perylene-d12	15.50	264	201560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	537849	77.91	ng		0.00
7) Phenol-d6	6.50	99	666322	78.24	ng		0.00
23) Nitrobenzene-d5	7.43	82	542632	77.58	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	122545	77.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1017213	87.64	ng		0.00
78) Terphenyl-d14	12.97	244	701797	82.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	116258	35.256	ng		93
3) Pyridine	3.40	79	319582	35.825	ng		94
4) n-Nitrosodimethylamine	3.36	42	119173	31.504	ng		81
6) Aniline	6.53	93	428591	37.290	ng		96
8) 2-Chlorophenol	6.65	128	309650	39.609	ng		97
9) Benzaldehyde	6.42	77	166930	33.793	ng		91
10) Phenol	6.52	94	384353	40.356	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	281253	37.986	ng		96
12) 1,3-Dichlorobenzene	6.80	146	330628	40.384	ng		97
13) 1,4-Dichlorobenzene	6.88	146	331142	39.753	ng		99
14) 1,2-Dichlorobenzene	7.04	146	310685	40.365	ng		97
15) Benzyl Alcohol	7.01	79	221310	35.425	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	381128	33.039	ng		95
17) 2-Methylphenol	7.12	107	243072	38.000	ng		98
18) Hexachloroethane	7.37	117	107614	35.942	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	185869	34.186	ng		93
20) 3+4-Methylphenols	7.27	107	293508	36.271	ng	#	74
22) Acetophenone	7.28	105	398073	36.630	ng	#	95
24) Nitrobenzene	7.45	77	297368	37.480	ng		96
25) Isophorone	7.69	82	527137	36.453	ng		99
26) 2-Nitrophenol	7.77	139	164765	43.185	ng	#	82
27) 2,4-Dimethylphenol	7.80	122	258982	35.943	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	341155	37.857	ng		99
29) 2,4-Dichlorophenol	8.00	162	248920	40.237	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	257254	41.578	ng		99
31) Naphthalene	8.17	128	828876	39.346	ng		99
32) Benzoic acid	7.93	122	141307m	23.875	ng		
33) 4-Chloroaniline	8.22	127	347889	39.545	ng		95
34) Hexachlorobutadiene	8.28	225	132316	41.519	ng		97
35) Caprolactam	8.60	113	76288	38.444	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	262738	37.786	ng		97
37) 2-Methylnaphthalene	8.86	142	540884	39.495	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	250592	43.366	ng		98
40) Hexachlorocyclopentadiene	9.01	237	19139	7.247	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	164456	40.173	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	163950	40.119	ng		96
45) 1,1'-Biphenyl	9.33	154	694183	41.686	ng		98
46) 2-Chloronaphthalene	9.35	162	517632	41.400	ng		96
47) 2-Nitroaniline	9.45	65	145547	38.017	ng		90
48) Acenaphthylene	9.77	152	770826	40.272	ng		100
49) Dimethylphthalate	9.62	163	618552	42.297	ng		100
50) 2,6-Dinitrotoluene	9.69	165	133803	42.026	ng	#	83
51) Acenaphthene	9.94	154	450645	37.168	ng		99
52) 3-Nitroaniline	9.86	138	152356	41.041	ng		92
53) 2,4-Dinitrophenol	9.97	184	9358	11.062	ng		98
54) Dibenzofuran	10.11	168	637571	39.494	ng		99
55) 4-Nitrophenol	10.02	139	88895	28.320	ng		85
56) 2,4-Dinitrotoluene	10.10	165	165711	40.105	ng	#	84
57) Fluorene	10.45	166	520638	40.125	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	101348	35.901	ng		97
59) Diethylphthalate	10.32	149	570125	39.897	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	237708	40.784	ng		98
61) 4-Nitroaniline	10.47	138	145197	40.541	ng		86
62) Azobenzene	10.60	77	456184	34.719	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	26315	14.544	ng		82
65) n-Nitrosodiphenylamine	10.56	169	465822	45.215	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	133766	45.953	ng	#	89
67) Hexachlorobenzene	11.00	284	135327	43.527	ng		98
68) Atrazine	11.09	200	137472	44.350	ng		98
69) Pentachlorophenol	11.19	266	53844	27.827	ng		98
70) Phenanthrene	11.42	178	644378	40.480	ng		99
71) Anthracene	11.47	178	651465	39.998	ng		99
72) Carbazole	11.62	167	611321	38.328	ng		99
73) Di-n-butylphthalate	11.94	149	801198	41.733	ng		99
74) Fluoranthene	12.60	202	558815	34.668	ng		96
76) Benzidine	12.72	184	282135	39.366	ng		99
77) Pyrene	12.83	202	559496	37.865	ng		99
79) Butylbenzylphthalate	13.44	149	261493	37.656	ng		94
80) Benzo(a)anthracene	14.02	228	468526	39.931	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	177165	41.188	ng		99
82) Chrysene	14.06	228	458052	41.005	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	353846	37.006	ng	#	99
84) Di-n-octyl phthalate	14.60	149	613049	39.817	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	431718	48.313	ng		97
87) Benzo(b)fluoranthene	15.07	252	475451	38.365	ng		97
88) Benzo(k)fluoranthene	15.10	252	483447	39.496	ng		99
89) Benzo(a)pyrene	15.44	252	454735	39.974	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	367621	40.381	ng		97
91) Benzo(g,h,i)perylene	17.45	276	336593	37.403	ng		97

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

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