Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104211.D
Acq On : 4 Apr 2018 7:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/4/2018 4:10:10 PM

Quant Time: Apr 04 08:24:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	130959	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	564278	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	260699	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	465306	20.00	ng		0.00
75) Chrysene-d12	14.16	240	283921	20.00	ng		0.00
86) Perylene-d12	15.69	264	255736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	607942	74.03	ng		0.00
7) Phenol-d6	6.60	99	821813	81.34	ng		0.00
23) Nitrobenzene-d5	7.53	82	748416	81.11	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	228058	78.56	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1370955	82.93	ng		0.00
78) Terphenyl-d14	13.08	244	1237635	100.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	138925	39.225	ng	#	86
3) Pyridine	3.59	79	306530	34.187	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	60685	22.770	ng	#	69
6) Aniline	6.63	93	497745	41.154	ng		95
8) 2-Chlorophenol	6.75	128	378059	41.969	ng		93
9) Benzaldehyde	6.52	77	152840	26.182	ng		94
10) Phenol	6.61	94	442834	39.559	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	426479	44.212	ng		89
12) 1,3-Dichlorobenzene	6.90	146	407488	40.242	ng		99
13) 1,4-Dichlorobenzene	6.97	146	469778	43.298	ng		99
14) 1,2-Dichlorobenzene	7.13	146	407530	41.789	ng		99
15) Benzyl Alcohol	7.10	79	248351	37.807	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	435467	41.437	ng		66
17) 2-Methylphenol	7.21	107	309774	42.252	ng		93
18) Hexachloroethane	7.46	117	149532	41.163	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	247421	41.266	ng		91
20) 3+4-Methylphenols	7.37	107	398756	42.616	ng	#	71
22) Acetophenone	7.37	105	554014	40.579	ng		97
24) Nitrobenzene	7.55	77	384261	39.581	ng		94
25) Isophorone	7.77	82	669689	39.383	ng		99
26) 2-Nitrophenol	7.86	139	204705	40.395	ng		89
27) 2,4-Dimethylphenol	7.89	122	295899	40.487	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	425281	39.904	ng		99
29) 2,4-Dichlorophenol	8.10	162	309215	40.506	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	360148	41.580	ng		99
31) Naphthalene	8.26	128	1051974	38.161	ng		100
32) Benzoic acid	8.03	122	176484m	32.963	ng		
33) 4-Chloroaniline	8.32	127	491774	42.314	ng		96
34) Hexachlorobutadiene	8.37	225	192049	40.746	ng		98
35) Caprolactam	8.70	113	94736	39.138	ng	#	68
36) 4-Chloro-3-methylphenol	8.80	107	327908	40.611	ng		94
37) 2-Methylnaphthalene	8.96	142	706109	38.886	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	329055	41.161	ng		97
40) Hexachlorocyclopentadiene	9.10	237	61512	20.632	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	186269	36.796	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	244409	39.987	ng		96
45) 1,1'-Biphenyl	9.42	154	914729	40.882	ng		99
46) 2-Chloronaphthalene	9.45	162	729089	41.309	ng		98
47) 2-Nitroaniline	9.55	65	201501	40.038	ng		95
48) Acenaphthylene	9.86	152	1055155	39.462	ng		100
49) Dimethylphthalate	9.72	163	808757	39.292	ng		99
50) 2,6-Dinitrotoluene	9.79	165	173954	39.283	ng	#	85
51) Acenaphthene	10.04	154	631076	40.798	ng		99
52) 3-Nitroaniline	9.97	138	206385	40.544	ng		98
53) 2,4-Dinitrophenol	10.10	184	15085	12.832	ng	#	63
54) Dibenzofuran	10.21	168	888644	39.341	ng		98
55) 4-Nitrophenol	10.15	139	72234	23.666	ng		90
56) 2,4-Dinitrotoluene	10.20	165	219509	38.847	ng	#	96
57) Fluorene	10.55	166	732719	39.324	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	177437	38.747	ng	#	85
59) Diethylphthalate	10.41	149	775456	39.327	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	357759	41.805	ng		96
61) 4-Nitroaniline	10.60	138	185010	38.842	ng		89
62) Azobenzene	10.70	77	698999	39.204	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	66675	23.672	ng		89
65) n-Nitrosodiphenylamine	10.66	169	646640	41.035	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	202846	40.748	ng	#	88
67) Hexachlorobenzene	11.10	284	227991	39.814	ng	#	89
68) Atrazine	11.19	200	196198	40.640	ng		98
69) Pentachlorophenol	11.30	266	110142	34.954	ng		97
70) Phenanthrene	11.52	178	970737	38.533	ng		99
71) Anthracene	11.57	178	1129580	42.927	ng		99
72) Carbazole	11.73	167	1015281	40.425	ng		99
73) Di-n-butylphthalate	12.04	149	1189986	39.778	ng		99
74) Fluoranthene	12.72	202	985343	36.797	ng		99
76) Benzidine	12.84	184	336575	41.598	ng		98
77) Pyrene	12.94	202	970454	47.548	ng		99
79) Butylbenzylphthalate	13.54	149	461849	48.031	ng		98
80) Benzo(a)anthracene	14.14	228	673507	37.911	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	233327	39.679	ng		99
82) Chrysene	14.18	228	734635	42.219	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	608828	49.004	ng		99
84) Di-n-octyl phthalate	14.72	149	904772	42.335	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.29	276	701365	38.897	ng		97
87) Benzo(b)fluoranthene	15.23	252	568701	36.540	ng		98
88) Benzo(k)fluoranthene	15.26	252	635073	43.316	ng		100
89) Benzo(a)pyrene	15.63	252	580638	40.258	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	590146	44.256	ng		99
91) Benzo(g,h,i)perylene	17.77	276	569484	42.637	ng		95

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

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