Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094536.D
Acq On : 20 Apr 2017 11:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/21/2017 11:35:54 AM

Quant Time: Apr 20 17:36:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131882	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	526733	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	237279	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	442622	20.00	ng		0.00
75) Chrysene-d12	14.47	240	387398	20.00	ng		0.00
86) Perylene-d12	16.09	264	356931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	609058	76.62	ng		0.00
7) Phenol-d6	5.40	99	708959	75.65	ng		0.00
23) Nitrobenzene-d5	6.42	82	656330	76.94	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	156361	84.25	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1209571	75.00	ng		0.00
78) Terphenyl-d14	13.19	244	1098518	75.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	189029	40.89	ng		96
3) Pyridine	2.61	79	395802	39.17	ng		96
4) n-Nitrosodimethylamine	2.57	42	161909	38.73	ng		87
6) Aniline	5.40	93	459324	36.88	ng		91
8) 2-Chlorophenol	5.54	128	349635	38.65	ng		97
9) Benzaldehyde	5.27	77	233505	32.76	ng		98
10) Phenol	5.41	94	432564	37.57	ng		98
11) bis(2-Chloroethyl)ether	5.48	93	319077	37.94	ng		98
12) 1,3-Dichlorobenzene	5.70	146	386332	38.55	ng		99
13) 1,4-Dichlorobenzene	5.78	146	390324	38.71	ng		96
14) 1,2-Dichlorobenzene	5.96	146	358232	38.57	ng		97
15) Benzyl Alcohol	5.94	79	270002	38.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	424126	38.46	ng		87
17) 2-Methylphenol	6.09	107	274002	38.46	ng		95
18) Hexachloroethane	6.35	117	133420	38.60	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	243226	39.17	ng		98
20) 3+4-Methylphenols	6.27	107	377610	39.01	ng	#	63
22) Acetophenone	6.24	105	498940	38.96	ng	#	85
24) Nitrobenzene	6.44	77	350751	39.05	ng		91
25) Isophorone	6.73	82	621548	39.31	ng		95
26) 2-Nitrophenol	6.81	139	193294	40.05	ng		98
27) 2,4-Dimethylphenol	6.89	122	305472	38.97	ng		99
28) bis(2-Chloroethoxy)methane	6.99	93	395683	38.68	ng		99
29) 2,4-Dichlorophenol	7.11	162	290561	39.84	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	293162	38.88	ng		99
31) Naphthalene	7.29	128	976201	38.55	ng		100
32) Benzoic acid	7.08	122	200565	48.38	ng		97
33) 4-Chloroaniline	7.37	127	392579	37.27	ng	#	93
34) Hexachlorobutadiene	7.44	225	146258	38.91	ng		97
35) Caprolactam	7.82	113	95876m	41.85	ng		
36) 4-Chloro-3-methylphenol	7.98	107	295219	38.63	ng		88
37) 2-Methylnaphthalene	8.13	142	668021	38.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	265653	39.32	ng		99
40) Hexachlorocyclopentadiene	8.32	237	118394	43.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	184874	38.96	ng		96
43) 2,4,5-Trichlorophenol	8.54	196	193370	39.68	ng		94
45) 1,1'-Biphenyl	8.70	154	749665	38.67	ng		98
46) 2-Chloronaphthalene	8.72	162	599547	38.89	ng		94
47) 2-Nitroaniline	8.85	65	178962	40.36	ng		87
48) Acenaphthylene	9.22	152	916733	38.15	ng		98
49) Dimethylphthalate	9.10	163	710049	40.15	ng		99
50) 2,6-Dinitrotoluene	9.16	165	158992	40.06	ng	#	88
51) Acenaphthene	9.44	154	556417	38.66	ng		100
52) 3-Nitroaniline	9.37	138	177880	38.74	ng		95
53) 2,4-Dinitrophenol	9.50	184	84618	42.22	ng	#	70
54) Dibenzofuran	9.65	168	818820	39.14	ng		98
55) 4-Nitrophenol	9.62	139	118737	36.60	ng	#	72
56) 2,4-Dinitrotoluene	9.66	165	204196	41.93	ng	#	89
57) Fluorene	10.07	166	641800	39.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	144385	41.34	ng		97
59) Diethylphthalate	9.96	149	675818	40.51	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	275018	40.57	ng		94
61) 4-Nitroaniline	10.12	138	165923	35.54	ng		97
62) Azobenzene	10.27	77	656321	40.51	ng		96
64) 4,6-Dinitro-2-methylphenol	10.16	198	120755	41.64	ng	#	76
65) n-Nitrosodiphenylamine	10.23	169	581395	37.77	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	169112	38.48	ng		98
67) Hexachlorobenzene	10.75	284	169328	38.23	ng	#	86
68) Atrazine	10.91	200	183043	39.75	ng		97
69) Pentachlorophenol	11.00	266	85016	48.34	ng		99
70) Phenanthrene	11.25	178	949060	38.08	ng		98
71) Anthracene	11.31	178	990453	38.42	ng		99
72) Carbazole	11.52	167	941856	38.92	ng		98
73) Di-n-butylphthalate	11.97	149	1082747	40.64	ng		99
74) Fluoranthene	12.71	202	1009489	39.08	ng		99
76) Benzidine	12.88	184	531614	33.89	ng		95
77) Pyrene	12.98	202	1027647	37.97	ng		98
79) Butylbenzylphthalate	13.81	149	474185	39.98	ng		90
80) Benzo(a)anthracene	14.45	228	885553	39.33	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	311017	39.02	ng	#	97
82) Chrysene	14.50	228	803158	39.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	662048	41.57	ng	#	100
84) Di-n-octyl phthalate	15.28	149	1136181	42.53	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	805119	41.12	ng		99
87) Benzo(b)fluoranthene	15.69	252	892515	40.88	ng		98
88) Benzo(k)fluoranthene	15.72	252	745499m	36.08	ng		
89) Benzo(a)pyrene	16.04	252	792942	39.04	ng		100
90) Dibenzo(a,h)anthracene	17.38	278	665907	39.48	ng		99
91) Benzo(g,h,i)perylene	17.74	276	650962	37.91	ng		97

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

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