Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094447.D
Acq On : 17 Apr 2017 14:06
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
4/18/2017 3:07:54 PM

Quant Time: Apr 17 14:32:18 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 13:36:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	144050	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	583940	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	259999	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	459026	20.00	ng		0.00
75) Chrysene-d12	14.47	240	363751	20.00	ng		0.00
86) Perylene-d12	16.09	264	303217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	1239842	145.37	ng		0.00
7) Phenol-d6	5.40	99	1479266	140.20	ng		0.01
23) Nitrobenzene-d5	6.43	82	1423585	139.13	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	302807	147.38	ng		0.01
44) 2-Fluorobiphenyl	8.60	172	2320386	136.12	ng		0.01
78) Terphenyl-d14	13.20	244	1929531	118.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	387245	94.51	ng		96
3) Pyridine	2.59	79	894497	80.10	ng		99
4) n-Nitrosodimethylamine	2.57	42	372097	80.98	ng		91
6) Aniline	5.40	93	999155	68.08	ng	#	80
8) 2-Chlorophenol	5.54	128	708355	75.56	ng		99
9) Benzaldehyde	5.26	77	556046	78.05	ng		99
10) Phenol	5.42	94	928198	77.31	ng		89
11) bis(2-Chloroethyl)ether	5.49	93	696832	74.27	ng		97
12) 1,3-Dichlorobenzene	5.70	146	799698	76.05	ng		99
13) 1,4-Dichlorobenzene	5.79	146	805312	75.61	ng		96
14) 1,2-Dichlorobenzene	5.96	146	690361	70.39	ng		97
15) Benzyl Alcohol	5.95	79	535871	69.39	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	868189	60.05	ng		54
17) 2-Methylphenol	6.10	107	573493	71.43	ng	#	89
18) Hexachloroethane	6.35	117	283834	75.82	ng	#	86
19) n-Nitroso-di-n-propylamine	6.27	70	501150	73.90	ng		97
20) 3+4-Methylphenols	6.28	107	757674	77.92	ng	#	63
22) Acetophenone	6.25	105	1061139	81.53	ng	#	86
24) Nitrobenzene	6.45	77	736733	73.00	ng		92
25) Isophorone	6.74	82	1361862	75.74	ng		96
26) 2-Nitrophenol	6.82	139	420399	87.35	ng		96
27) 2,4-Dimethylphenol	6.90	122	646857	78.01	ng		99
28) bis(2-Chloroethoxy)methane	7.00	93	850720	71.75	ng		99
29) 2,4-Dichlorophenol	7.12	162	590997	76.23	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	609492	76.32	ng		98
31) Naphthalene	7.30	128	1986551	70.75	ng		99
32) Benzoic acid	7.11	122	390190	70.68	ng		95
33) 4-Chloroaniline	7.37	127	842922	74.07	ng		97
34) Hexachlorobutadiene	7.45	225	299485	73.13	ng		98
35) Caprolactam	7.86	113	207158m	83.78	ng		
36) 4-Chloro-3-methylphenol	8.00	107	637574	78.70	ng		89
37) 2-Methylnaphthalene	8.14	142	1357593	72.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	525850	73.93	ng		100
40) Hexachlorocyclopentadiene	8.33	237	252889	75.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	394740	78.44	ng		98
43) 2,4,5-Trichlorophenol	8.56	196	397416	72.99	ng		93
45) 1,1'-Biphenyl	8.72	154	1451178	69.20	ng		97
46) 2-Chloronaphthalene	8.73	162	1182675	72.04	ng		95
47) 2-Nitroaniline	8.87	65	381240	78.29	ng	#	83
48) Acenaphthylene	9.24	152	1857795	68.09	ng		100
49) Dimethylphthalate	9.12	163	1454106	78.68	ng		99
50) 2,6-Dinitrotoluene	9.17	165	334234	78.89	ng	#	85
51) Acenaphthene	9.45	154	1120365	70.38	ng		99
52) 3-Nitroaniline	9.38	138	382147	76.81	ng		92
53) 2,4-Dinitrophenol	9.51	184	191553	94.87	ng	#	71
54) Dibenzofuran	9.66	168	1591142	73.42	ng		99
55) 4-Nitrophenol	9.64	139	330394m	84.80	ng		
56) 2,4-Dinitrotoluene	9.67	165	398667	74.91	ng		93
57) Fluorene	10.08	166	1170018	65.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	297191	79.55	ng		97
59) Diethylphthalate	9.97	149	1347400	73.76	ng		100
60) 4-Chlorophenyl-phenylether	10.09	204	492346	64.31	ng		96
61) 4-Nitroaniline	10.15	138	391213	81.95	ng		96
62) Azobenzene	10.29	77	1283014	74.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	245861	87.46	ng	#	70
65) n-Nitrosodiphenylamine	10.25	169	1141859	71.93	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	334177	74.02	ng		96
67) Hexachlorobenzene	10.76	284	341406	74.70	ng	#	87
68) Atrazine	10.92	200	352181	74.07	ng		95
69) Pentachlorophenol	11.01	266	161832	56.89	ng		100
70) Phenanthrene	11.26	178	1820165	71.28	ng		99
71) Anthracene	11.32	178	1879246	71.48	ng		99
72) Carbazole	11.53	167	1787893	66.32	ng		98
73) Di-n-butylphthalate	11.97	149	1992198	71.06	ng		100
74) Fluoranthene	12.72	202	1892746	72.39	ng		99
76) Benzidine	12.89	184	1095601	76.10	ng		97
77) Pyrene	12.99	202	1923630	72.87	ng		100
79) Butylbenzylphthalate	13.81	149	886585	78.82	ng	#	83
80) Benzo(a)anthracene	14.46	228	1545475	72.86	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	521653	68.80	ng	#	96
82) Chrysene	14.51	228	1395879	70.91	ng		99
83) Bis(2-ethylhexyl)phthalate	14.53	149	1115471	72.69	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1932925	75.40	ng		98
85) Indeno(1,2,3-cd)pyrene	17.37	276	1324002	77.66	ng		99
87) Benzo(b)fluoranthene	15.70	252	1423243	76.58	ng		99
88) Benzo(k)fluoranthene	15.73	252	1266628	69.65	ng		97
89) Benzo(a)pyrene	16.04	252	1281990	74.90	ng		98
90) Dibenzo(a,h)anthracene	17.39	278	1061801	73.25	ng		98
91) Benzo(g,h,i)perylene	17.75	276	1117016	76.47	ng		98

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

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