Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095158.D
Acq On : 16 May 2017 15:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/17/2017 5:48:09 PM

Quant Time: May 17 13:06:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	109524	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	454409	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	192572	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	347637	20.00	ng		0.04
75) Chrysene-d12	18.69	240	272220	20.00	ng		0.04
86) Perylene-d12	20.37	264	215276	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	516285	78.59	ng		0.06
7) Phenol-d6	7.32	99	640777	81.29	ng		0.04
23) Nitrobenzene-d5	8.68	82	575492	79.86	ng		0.05
41) 2,4,6-Tribromophenol	13.92	330	131846	83.60	ng		0.04
44) 2-Fluorobiphenyl	11.57	172	1019548	76.20	ng		0.04
78) Terphenyl-d14	17.35	244	970131	78.49	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	113672	35.28	ng		94
3) Pyridine	2.95	79	284748m	38.13	ng		
4) n-Nitrosodimethylamine	2.87	42	104616m	33.61	ng		
6) Aniline	7.28	93	412230	41.43	ng		97
8) 2-Chlorophenol	7.47	128	307849	41.17	ng		94
9) Benzaldehyde	7.10	77	170722	35.47	ng		98
10) Phenol	7.34	94	314198	37.83	ng		89
11) bis(2-Chloroethyl)ether	7.41	93	281237	41.01	ng		96
12) 1,3-Dichlorobenzene	7.68	146	350403	41.31	ng		98
13) 1,4-Dichlorobenzene	7.80	146	355716	41.35	ng		97
14) 1,2-Dichlorobenzene	8.04	146	332224	41.38	ng		96
15) Benzyl Alcohol	8.06	79	222577	43.90	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	397594	40.97	ng		96
17) 2-Methylphenol	8.27	107	251614	41.12	ng		97
18) Hexachloroethane	8.55	117	120313	41.29	ng	#	86
19) n-Nitroso-di-n-propylamine	8.48	70	219880	41.25	ng		92
20) 3+4-Methylphenols	8.52	107	342352	41.17	ng	#	58
22) Acetophenone	8.45	105	434162	39.82	ng	#	83
24) Nitrobenzene	8.71	77	300189	39.74	ng		94
25) Isophorone	9.11	82	533524	41.46	ng		96
26) 2-Nitrophenol	9.21	139	171821	42.16	ng		98
27) 2,4-Dimethylphenol	9.34	122	262983	39.91	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	326118	36.64	ng		99
29) 2,4-Dichlorophenol	9.63	162	236657	38.04	ng		98
30) 1,2,4-Trichlorobenzene	9.72	180	269115	40.37	ng		99
31) Naphthalene	9.82	128	898966	39.36	ng		99
32) Benzoic acid	9.66	122	118844	29.64	ng		93
33) 4-Chloroaniline	9.96	127	351524	41.30	ng	#	92
34) Hexachlorobutadiene	10.04	225	132492	37.67	ng		97
35) Caprolactam	10.60	113	68800m	36.82	ng		
36) 4-Chloro-3-methylphenol	10.81	107	266214	40.02	ng		88
37) 2-Methylnaphthalene	10.95	142	603069	40.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	249195	42.08	ng		99
40) Hexachlorocyclopentadiene	11.20	237	100903	43.52	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	151934	38.43	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	160201	37.70	ng	#	92
45) 1,1'-Biphenyl	11.72	154	670495	41.35	ng		98
46) 2-Chloronaphthalene	11.74	162	535531	40.91	ng		96
47) 2-Nitroaniline	11.95	65	148950	41.57	ng	#	84
48) Acenaphthylene	12.40	152	867172	42.29	ng		99
49) Dimethylphthalate	12.27	163	673054	42.57	ng		99
50) 2,6-Dinitrotoluene	12.36	165	140666	43.61	ng		93
51) Acenaphthene	12.68	154	488109	39.85	ng		99
52) 3-Nitroaniline	12.64	138	138272	39.94	ng		90
53) 2,4-Dinitrophenol	12.84	184	54717	34.64	ng	#	60
54) Dibenzofuran	12.97	168	726992	42.89	ng		97
55) 4-Nitrophenol	13.04	139	72039	34.65	ng	#	69
56) 2,4-Dinitrotoluene	13.03	165	182574	44.05	ng		94
57) Fluorene	13.52	166	549891	37.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	118883	44.45	ng	#	94
59) Diethylphthalate	13.41	149	584440	38.57	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	253847	39.19	ng		89
61) 4-Nitroaniline	13.63	138	103048	32.43	ng		94
62) Azobenzene	13.80	77	484184	39.77	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	88967	38.18	ng	#	68
65) n-Nitrosodiphenylamine	13.75	169	482607	38.25	ng		99
66) 4-Bromophenyl-phenylether	14.33	248	157035	42.76	ng		98
67) Hexachlorobenzene	14.42	284	160636	42.68	ng	#	89
68) Atrazine	14.67	200	139600	39.19	ng		98
69) Pentachlorophenol	14.77	266	52714	34.57	ng		95
70) Phenanthrene	15.07	178	796116	39.86	ng		98
71) Anthracene	15.15	178	847997	41.56	ng		97
72) Carbazole	15.43	167	752366	40.53	ng		97
73) Di-n-butylphthalate	15.99	149	924317	39.93	ng		98
74) Fluoranthene	16.81	202	760655	37.12	ng		99
76) Benzidine	17.02	184	216730m	31.99	ng		
77) Pyrene	17.11	202	792576	38.93	ng		98
79) Butylbenzylphthalate	18.01	149	391469	41.34	ng		91
80) Benzo(a)anthracene	18.68	228	627340	39.60	ng		99
81) 3,3'-Dichlorobenzidine	18.66	252	207450	37.91	ng	#	97
82) Chrysene	18.73	228	623483	40.70	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	603100	44.70	ng	#	99
84) Di-n-octyl phthalate	19.52	149	1025488	46.36	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	418425	33.63	ng		99
87) Benzo(b)fluoranthene	19.96	252	511671	38.47	ng		99
88) Benzo(k)fluoranthene	19.99	252	564233	43.97	ng	#	95
89) Benzo(a)pyrene	20.31	252	477943	38.94	ng		97
90) Dibenzo(a,h)anthracene	21.70	278	356855	35.20	ng		98
91) Benzo(g,h,i)perylene	22.08	276	344657	34.65	ng		98

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

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