Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096165.D
Acq On : 23 Jun 2017 18:14
Operator : SJ/MA
Sample : I3842-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001MS

Manual Integrations APPROVED
mohammad
6/28/2017 1:11:00 PM

Quant Time: Jun 24 00:30:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	68725	20.00	ng		-0.04
21) Naphthalene-d8	9.29	136	286548	20.00	ng		-0.04
38) Acenaphthene-d10	12.12	164	133723	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	229891	20.00	ng		-0.03
75) Chrysene-d12	18.24	240	148517	20.00	ng		-0.03
86) Perylene-d12	19.92	264	130282	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	532407	123.44	ng		-0.03
7) Phenol-d6	6.85	99	613895	118.89	ng		-0.03
23) Nitrobenzene-d5	8.19	82	377308	81.78	ng		-0.04
41) 2,4,6-Tribromophenol	13.42	330	124589	105.30	ng		-0.04
44) 2-Fluorobiphenyl	11.07	172	652840	67.94	ng		-0.04
78) Terphenyl-d14	16.90	244	507060	84.73	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	71134	34.67	ng		93
3) Pyridine	2.17	79	162925	33.79	ng		94
4) n-Nitrosodimethylamine	2.14	42	71495	39.00	ng		84
6) Aniline	6.77	93	153091	22.66	ng		96
8) 2-Chlorophenol	6.95	128	196903	42.94	ng		94
9) Benzaldehyde	6.57	77	100258	28.79	ng		95
10) Phenol	6.86	94	242813	45.33	ng		93
11) bis(2-Chloroethyl)ether	6.91	93	177472	41.83	ng		97
12) 1,3-Dichlorobenzene	7.16	146	204466	39.39	ng		98
13) 1,4-Dichlorobenzene	7.29	146	213502	40.56	ng		97
14) 1,2-Dichlorobenzene	7.52	146	199293	41.07	ng		96
15) Benzyl Alcohol	7.58	79	154633	43.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.76	45	252463	42.35	ng		98
17) 2-Methylphenol	7.82	107	163839	42.57	ng		96
18) Hexachloroethane	8.03	117	70225	40.39	ng	#	84
19) n-Nitroso-di-n-propylamine	8.00	70	136985	41.86	ng		94
20) 3+4-Methylphenols	8.09	107	216452	44.31	ng	#	58
22) Acetophenone	7.96	105	276342	41.20	ng	#	82
24) Nitrobenzene	8.22	77	195092	39.58	ng		93
25) Isophorone	8.62	82	348163	40.41	ng		94
26) 2-Nitrophenol	8.73	139	109392	42.39	ng		99
27) 2,4-Dimethylphenol	8.89	122	172733	43.13	ng		98
28) bis(2-Chloroethoxy)methane	9.00	93	228908	40.31	ng		99
29) 2,4-Dichlorophenol	9.17	162	157076	40.72	ng		95
30) 1,2,4-Trichlorobenzene	9.23	180	158855	39.58	ng		98
31) Naphthalene	9.33	128	562683	39.13	ng		99
32) Benzoic acid	9.25	122	35510	17.79	ng		88
33) 4-Chloroaniline	9.51	127	83190m	14.80	ng		
34) Hexachlorobutadiene	9.55	225	79265	38.22	ng		97
35) Caprolactam	10.13	113	50499m	44.00	ng		
36) 4-Chloro-3-methylphenol	10.38	107	170552	42.24	ng		90
37) 2-Methylnaphthalene	10.46	142	394230	40.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	151162	37.77	ng		99
40) Hexachlorocyclopentadiene	10.70	237	42856	40.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.97	196	101283	39.36	ng		99
43) 2,4,5-Trichlorophenol	11.08	196	102960	37.62	ng		95
45) 1,1'-Biphenyl	11.22	154	428086	38.84	ng		97
46) 2-Chloronaphthalene	11.24	162	329612	38.28	ng		96
47) 2-Nitroaniline	11.47	65	96977	38.48	ng	#	82
48) Acenaphthylene	11.89	152	503337	34.18	ng		99
49) Dimethylphthalate	11.79	163	564506	55.60	ng		99
50) 2,6-Dinitrotoluene	11.89	165	81180	36.66	ng	#	67
51) Acenaphthene	12.17	154	308773	36.31	ng		99
52) 3-Nitroaniline	12.16	138	61516	23.84	ng		92
53) 2,4-Dinitrophenol	12.39	184	48503	42.02	ng	#	71
54) Dibenzofuran	12.46	168	468232	39.12	ng		98
55) 4-Nitrophenol	12.59	139	84338	57.37	ng	#	64
56) 2,4-Dinitrotoluene	12.56	165	121948	40.77	ng		91
57) Fluorene	13.01	166	376623	36.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.72	232	76315	40.75	ng	#	98
59) Diethylphthalate	12.93	149	395267	40.45	ng		99
60) 4-Chlorophenyl-phenylether	13.04	204	170148	37.56	ng		90
61) 4-Nitroaniline	13.16	138	84009	34.87	ng		96
62) Azobenzene	13.30	77	357151	40.33	ng		93
64) 4,6-Dinitro-2-methylphenol	13.24	198	48075	31.81	ng	#	65
65) n-Nitrosodiphenylamine	13.25	169	325841	39.44	ng		97
66) 4-Bromophenyl-phenylether	13.82	248	95163	39.83	ng		99
67) Hexachlorobenzene	13.90	284	94031	39.94	ng	#	88
68) Atrazine	14.18	200	93210	40.54	ng		96
69) Pentachlorophenol	14.28	266	44452	52.29	ng		97
70) Phenanthrene	14.54	178	519421	39.16	ng		98
71) Anthracene	14.63	178	535738	38.69	ng		97
72) Carbazole	14.94	167	495254	36.70	ng		97
73) Di-n-butylphthalate	15.53	149	612636	42.67	ng		98
74) Fluoranthene	16.34	202	496242	37.80	ng		99
76) Benzidine	16.58	184	115391	20.23	ng	#	93
77) Pyrene	16.64	202	495471	44.71	ng		99
79) Butylbenzylphthalate	17.57	149	227368	46.98	ng	#	86
80) Benzo(a)anthracene	18.23	228	333566	38.63	ng		100
81) 3,3'-Dichlorobenzidine	18.23	252	64222	20.92	ng		96
82) Chrysene	18.28	228	336074	38.95	ng		97
83) Bis(2-ethylhexyl)phthalate	18.32	149	334549	49.00	ng		99
84) Di-n-octyl phthalate	19.09	149	509089	45.25	ng		96
85) Indeno(1,2,3-cd)pyrene	21.07	276	322181	43.64	ng		99
87) Benzo(b)fluoranthene	19.52	252	286793	35.16	ng		97
88) Benzo(k)fluoranthene	19.54	252	303137m	38.88	ng		
89) Benzo(a)pyrene	19.86	252	283795	37.85	ng		98
90) Dibenzo(a,h)anthracene	21.07	278	269962	42.45	ng		97
91) Benzo(g,h,i)perylene	21.39	276	278105	42.89	ng		99

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

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