Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096534.D
Acq On : 6 Jul 2017 15:41
Operator : SJ/MA
Sample : I4036-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CIY-SB-01-0-50MS

Manual Integrations APPROVED
mohammad
7/10/2017 11:44:46 AM

Quant Time: Jul 07 08:51:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139884	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	511367	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	197407	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	315079	20.00	ng		0.00
75) Chrysene-d12	13.87	240	226418	20.00	ng		0.00
86) Perylene-d12	15.28	264	180693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	756309	79.80	ng		0.01
7) Phenol-d6	6.36	99	910827	78.17	ng		0.00
23) Nitrobenzene-d5	7.28	82	556376	65.38	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	138035	89.52	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	781206	67.66	ng		0.00
78) Terphenyl-d14	12.82	244	508449	47.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	108966	24.247	ng	#	75
3) Pyridine	3.13	79	280932	22.784	ng	#	60
4) n-Nitrosodimethylamine	3.07	42	165344	27.168	ng		86
6) Aniline	6.37	93	230407	15.300	ng	#	1
8) 2-Chlorophenol	6.50	128	292980	28.989	ng		98
9) Benzaldehyde	6.26	77	101195	13.878	ng		98
10) Phenol	6.37	94	379088	28.560	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	282982	27.587	ng		90
12) 1,3-Dichlorobenzene	6.66	146	330283	31.167	ng		100
13) 1,4-Dichlorobenzene	6.73	146	331921	31.337	ng		96
14) 1,2-Dichlorobenzene	6.89	146	309109	31.785	ng		97
15) Benzyl Alcohol	6.86	79	246924	31.704	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	632656	30.338	ng		92
17) 2-Methylphenol	6.97	107	252664	31.369	ng		96
18) Hexachloroethane	7.23	117	93327	24.304	ng	#	81
19) n-Nitroso-di-n-propylamine	7.13	70	203506	29.319	ng	#	86
20) 3+4-Methylphenols	7.13	107	290328	32.317	ng	#	75
22) Acetophenone	7.13	105	394804	35.334	ng	#	94
24) Nitrobenzene	7.30	77	301339	33.754	ng		91
25) Isophorone	7.54	82	535727	32.469	ng		95
26) 2-Nitrophenol	7.62	139	138350	29.279	ng		92
27) 2,4-Dimethylphenol	7.66	122	263854	32.794	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	344231	31.604	ng		99
29) 2,4-Dichlorophenol	7.86	162	222917	32.112	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	214242	32.718	ng		99
31) Naphthalene	8.02	128	791835	32.800	ng		99
32) Benzoic acid	7.72	122	16342m	2.418	ng		
33) 4-Chloroaniline	8.06	127	135897	13.552	ng		99
34) Hexachlorobutadiene	8.15	225	110836	33.001	ng		97
35) Caprolactam	8.43	113	66133	27.627	ng	#	62
36) 4-Chloro-3-methylphenol	8.56	107	242735	31.601	ng		88
37) 2-Methylnaphthalene	8.72	142	500118	32.545	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	180344	35.184	ng		98
40) Hexachlorocyclopentadiene	8.87	237	20706	8.308	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	125796	31.024	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	130776	32.619	ng		95
45) 1,1'-Biphenyl	9.17	154	545539	32.253	ng		97
46) 2-Chloronaphthalene	9.20	162	417129	33.092	ng		94
47) 2-Nitroaniline	9.29	65	152460	33.241	ng		93
48) Acenaphthylene	9.62	152	637720	31.928	ng		99
49) Dimethylphthalate	9.48	163	633719	43.003	ng		98
50) 2,6-Dinitrotoluene	9.53	165	100580	30.864	ng	#	83
51) Acenaphthene	9.79	154	364485	29.605	ng		97
52) 3-Nitroaniline	9.70	138	113064	27.817	ng		92
54) Dibenzofuran	9.96	168	554999	34.144	ng		100
55) 4-Nitrophenol	9.87	139	156546	46.468	ng	#	64
56) 2,4-Dinitrotoluene	9.94	165	121929	29.546	ng	#	86
57) Fluorene	10.30	166	392826	34.218	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	86788	31.288	ng		96
59) Diethylphthalate	10.18	149	474711	34.081	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	171826	34.400	ng		97
61) 4-Nitroaniline	10.31	138	111170	30.080	ng		92
62) Azobenzene	10.45	77	461942	34.297	ng		93
65) n-Nitrosodiphenylamine	10.41	169	401074	36.280	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	109136	35.582	ng		99
67) Hexachlorobenzene	10.85	284	109677	32.666	ng	#	89
68) Atrazine	10.94	200	109100	34.543	ng		94
69) Pentachlorophenol	11.04	266	84685	42.557	ng		98
70) Phenanthrene	11.26	178	617978	36.282	ng		99
71) Anthracene	11.31	178	564812	32.542	ng		98
72) Carbazole	11.46	167	543472	31.135	ng		98
73) Di-n-butylphthalate	11.80	149	644853	30.501	ng		98
74) Fluoranthene	12.44	202	615073	36.832	ng		99
76) Benzidine	12.56	184	341800	31.461	ng	#	92
77) Pyrene	12.67	202	605295	33.306	ng		99
79) Butylbenzylphthalate	13.29	149	246343	26.777	ng	#	80
80) Benzo(a)anthracene	13.86	228	457188	34.869	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	155797	28.930	ng	#	96
82) Chrysene	13.90	228	456364	33.237	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	336684	32.786	ng		99
84) Di-n-octyl phthalate	14.47	149	589907	29.170	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.65	276	309454	28.552	ng		98
87) Benzo(b)fluoranthene	14.88	252	381593	33.703	ng		98
88) Benzo(k)fluoranthene	14.91	252	352999m	34.854	ng		
89) Benzo(a)pyrene	15.22	252	344222	34.053	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	261115	32.835	ng		97
91) Benzo(g,h,i)perylene	17.06	276	256695	31.151	ng		97

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

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