Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093091.D
Acq On : 22 Feb 2017 22:33
Operator : SJ/MA
Sample : I1931-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5MS

Manual Integrations APPROVED
mohammad
2/23/2017 1:16:16 PM

Quant Time: Feb 23 00:44:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146498	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	583414	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	283703	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	522251	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	448961	20.00	ng		-0.02
86) Perylene-d12	15.41	264	326182	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	57527	6.74	ng		0.00
7) Phenol-d6	6.48	99	596947	54.33	ng		-0.01
23) Nitrobenzene-d5	7.41	82	971808	92.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	268	0.13	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1679496	107.25	ng		-0.02
78) Terphenyl-d14	12.95	244	1526559	79.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	170325	36.91	ng		85
3) Pyridine	3.17	79	481647	41.05	ng		88
4) n-Nitrosodimethylamine	3.14	42	257932	46.82	ng		85
6) Aniline	6.50	93	328506	21.92	ng	#	51
9) Benzaldehyde	6.38	77	55250	7.02	ng		97
10) Phenol	6.49	94	188304	14.65	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	467798	45.59	ng		98
12) 1,3-Dichlorobenzene	6.78	146	480157	43.52	ng		99
13) 1,4-Dichlorobenzene	6.85	146	475923	42.62	ng		98
14) 1,2-Dichlorobenzene	7.01	146	468782	43.90	ng		97
15) Benzyl Alcohol	6.99	79	350545	43.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	784899	44.03	ng		95
17) 2-Methylphenol	7.12	107	237767	29.42	ng		93
18) Hexachloroethane	7.36	117	168772	44.27	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	351783	50.30	ng		96
20) 3+4-Methylphenols	7.26	107	210111	21.74	ng		94
22) Acetophenone	7.25	105	580743	43.60	ng	#	99
24) Nitrobenzene	7.42	77	468733	43.57	ng		96
25) Isophorone	7.66	82	863748	44.24	ng		95
26) 2-Nitrophenol	7.66	139	13931	2.72	ng	#	57
27) 2,4-Dimethylphenol	7.79	122	315479	35.13	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	590582	45.68	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	390209	43.23	ng		94
31) Naphthalene	8.14	128	1202313	40.65	ng		99
33) 4-Chloroaniline	8.20	127	294326	25.38	ng		100
34) Hexachlorobutadiene	8.26	225	202911	40.86	ng		99
35) Caprolactam	8.54	113	98655	37.45	ng	#	56
36) 4-Chloro-3-methylphenol	8.69	107	72080	8.25	ng		86
37) 2-Methylnaphthalene	8.84	142	871224	45.88	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	358777	45.05	ng		99
40) Hexachlorocyclopentadiene	8.99	237	272175	75.75	ng		97
45) 1,1'-Biphenyl	9.30	154	941626	45.84	ng		97
46) 2-Chloronaphthalene	9.32	162	769817	47.90	ng		96
47) 2-Nitroaniline	9.42	65	253810	46.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.74	152	1258609	45.34	ng		98
49) Dimethylphthalate	9.61	163	1156684	60.53	ng		100
50) 2,6-Dinitrotoluene	9.66	165	199247	48.28	ng	#	70
51) Acenaphthene	9.90	154	723239	43.57	ng		96
52) 3-Nitroaniline	9.84	138	182586	38.66	ng		99
54) Dibenzofuran	10.08	168	1065553	48.00	ng		99
55) 4-Nitrophenol	10.08	139	381742	112.23	ng	#	6
56) 2,4-Dinitrotoluene	10.06	165	249536	45.42	ng	#	88
57) Fluorene	10.42	166	746939	43.73	ng		98
59) Diethylphthalate	10.29	149	824530	45.79	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	389555	47.48	ng	#	75
61) 4-Nitroaniline	10.45	138	246600	50.98	ng	#	75
62) Azobenzene	10.57	77	996810	53.58	ng		94
65) n-Nitrosodiphenylamine	10.53	169	704236	42.21	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	215993	39.59	ng		91
67) Hexachlorobenzene	10.97	284	218103	40.45	ng	#	86
68) Atrazine	11.06	200	226802	42.36	ng		98
70) Phenanthrene	11.38	178	1153743	38.56	ng		99
71) Anthracene	11.44	178	1355728	45.12	ng		98
72) Carbazole	11.60	167	1220344	42.49	ng	#	97
73) Di-n-butylphthalate	11.92	149	1870164	60.21	ng	#	98
74) Fluoranthene	12.57	202	1197126	38.79	ng		99
76) Benzidine	12.69	184	181204	9.47	ng		96
77) Pyrene	12.80	202	1247043	37.12	ng		99
79) Butylbenzylphthalate	13.41	149	604602	44.31	ng		92
80) Benzo(a)anthracene	13.99	228	1101003	40.10	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	270403	27.63	ng	#	95
82) Chrysene	14.02	228	869794	33.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832188	44.60	ng	#	96
84) Di-n-octyl phthalate	14.58	149	1382195	45.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	752472	37.79	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	986625m	45.96	ng		
88) Benzo(k)fluoranthene	15.04	252	794617m	42.87	ng		
89) Benzo(a)pyrene	15.36	252	822344	44.28	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	627300	41.79	ng		96
91) Benzo(g,h,i)perylene	17.23	276	635108	41.89	ng	#	91

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

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