Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094341.D
Acq On : 11 Apr 2017 6:25
Operator : SJ/MA
Sample : I2598-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-56-S1(0-2)MSD

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:38 PM

Quant Time: Apr 11 07:23:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	151640	20.00	ng		-0.02
21) Naphthalene-d8	7.34	136	596064	20.00	ng		-0.02
38) Acenaphthene-d10	9.48	164	260047	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	424106	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	284905	20.00	ng		-0.02
86) Perylene-d12	16.18	264	247507	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1243139	138.46	ng		0.02
7) Phenol-d6	5.48	99	1588225	143.00	ng		0.02
23) Nitrobenzene-d5	6.49	82	1014132	97.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	302165	147.04	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1590860	93.31	ng		-0.02
78) Terphenyl-d14	13.28	244	1162465	91.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	170174	39.45	ng		98
3) Pyridine	2.71	79	252520	21.48	ng		99
4) n-Nitrosodimethylamine	2.68	42	236833	48.96	ng		88
6) Aniline	5.46	93	328921	21.29	ng	#	90
8) 2-Chlorophenol	5.62	128	507025	51.38	ng		96
9) Benzaldehyde	5.33	77	189163	25.22	ng		98
10) Phenol	5.49	94	697947	55.22	ng		92
11) bis(2-Chloroethyl)ether	5.55	93	493469	49.96	ng		98
12) 1,3-Dichlorobenzene	5.77	146	541675	48.93	ng		99
13) 1,4-Dichlorobenzene	5.86	146	551040	49.15	ng		96
14) 1,2-Dichlorobenzene	6.03	146	498362	48.27	ng		97
15) Benzyl Alcohol	6.02	79	389338	47.89	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	638364	41.94	ng	#	35
17) 2-Methylphenol	6.17	107	407568	48.22	ng	#	90
18) Hexachloroethane	6.42	117	191273	48.54	ng	#	83
19) n-Nitroso-di-n-propylamine	6.33	70	367260	51.45	ng		96
20) 3+4-Methylphenols	6.36	107	565998	55.30	ng	#	63
22) Acetophenone	6.32	105	714720	53.80	ng	#	86
24) Nitrobenzene	6.52	77	517620	50.25	ng		94
25) Isophorone	6.80	82	916993	49.96	ng	#	94
26) 2-Nitrophenol	6.89	139	284294	57.87	ng		94
27) 2,4-Dimethylphenol	6.97	122	446552	52.76	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	601355	49.69	ng		99
29) 2,4-Dichlorophenol	7.20	162	424236	53.60	ng		99
30) 1,2,4-Trichlorobenzene	7.28	180	417300	51.19	ng		100
31) Naphthalene	7.37	128	1400738	48.87	ng		100
32) Benzoic acid	7.14	122	189844	33.69	ng		96
34) Hexachlorobutadiene	7.52	225	207895	49.73	ng		97
35) Caprolactam	7.89	113	126357m	50.06	ng		
36) 4-Chloro-3-methylphenol	8.08	107	431873	52.22	ng		89
37) 2-Methylnaphthalene	8.21	142	957198	50.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	356964	50.18	ng		99
40) Hexachlorocyclopentadiene	8.40	237	240555	72.26	ng		99
42) 2,4,6-Trichlorophenol	8.57	196	276621	54.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.63	196	275261	50.54	ng		96
45) 1,1'-Biphenyl	8.79	154	1034355	49.31	ng		98
46) 2-Chloronaphthalene	8.80	162	827611	50.41	ng		94
47) 2-Nitroaniline	8.94	65	254196	52.19	ng		87
48) Acenaphthylene	9.31	152	1269299	46.51	ng		99
49) Dimethylphthalate	9.18	163	1429532	77.33	ng		99
50) 2,6-Dinitrotoluene	9.25	165	224203	52.91	ng	#	87
51) Acenaphthene	9.53	154	757350	47.56	ng		99
52) 3-Nitroaniline	9.45	138	159205	32.00	ng		96
53) 2,4-Dinitrophenol	9.59	184	138041	61.99	ng	#	72
54) Dibenzofuran	9.75	168	1078703	49.77	ng		100
55) 4-Nitrophenol	9.72	139	346426	88.90	ng	#	80
56) 2,4-Dinitrotoluene	9.74	165	259993	48.84	ng	#	67
57) Fluorene	10.16	166	812436	45.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	197627	52.89	ng		96
59) Diethylphthalate	10.05	149	941513	51.53	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	348067	45.45	ng		94
61) 4-Nitroaniline	10.21	138	220155	46.11	ng		97
62) Azobenzene	10.36	77	876276	50.70	ng		94
64) 4,6-Dinitro-2-methylphenol	10.25	198	112020	43.13	ng	#	70
65) n-Nitrosodiphenylamine	10.32	169	772154	52.65	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	219930	52.73	ng		98
67) Hexachlorobenzene	10.83	284	220615	52.25	ng	#	85
68) Atrazine	10.99	200	227075	51.69	ng		96
69) Pentachlorophenol	11.09	266	197805	75.26	ng		97
70) Phenanthrene	11.34	178	1150070	48.75	ng		99
71) Anthracene	11.40	178	1186579	48.85	ng		99
72) Carbazole	11.61	167	1125198	45.17	ng		99
73) Di-n-butylphthalate	12.05	149	1378328	53.21	ng		99
74) Fluoranthene	12.80	202	1095488	45.35	ng		99
76) Benzidine	12.97	184	153071	13.57	ng	#	91
77) Pyrene	13.07	202	1074360	51.96	ng		98
79) Butylbenzylphthalate	13.89	149	530916	60.26	ng	#	87
80) Benzo(a)anthracene	14.54	228	825683	49.70	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	246815	41.56	ng	#	96
82) Chrysene	14.59	228	738104	47.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.60	149	734220	61.09	ng	#	100
84) Di-n-octyl phthalate	15.36	149	1178898	58.71	ng		98
85) Indeno(1,2,3-cd)pyrene	17.50	276	705823	52.86	ng		99
87) Benzo(b)fluoranthene	15.78	252	725055	47.79	ng		98
88) Benzo(k)fluoranthene	15.81	252	720776	48.56	ng		97
89) Benzo(a)pyrene	16.13	252	693726	49.65	ng		99
90) Dibenzo(a,h)anthracene	17.52	278	588976	49.78	ng		98
91) Benzo(g,h,i)perylene	17.89	276	570839	47.87	ng		99

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

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