Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093296.D
Acq On : 1 Mar 2017 18:22
Operator : SJ/MA
Sample : I2002-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-8(3.5-5.5)MSD

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:35 PM

Quant Time: Mar 02 00:35:50 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	6.81	152	133577	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	474853	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	240810	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	441907	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	337650	20.00	ng		-0.05
86) Perylene-d12	15.39	264	267308	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1258103	161.59	ng		-0.03
7) Phenol-d6	6.46	99	1445052	144.25	ng		-0.02
23) Nitrobenzene-d5	7.39	82	979991	114.93	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	293524	168.53	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1354181	101.88	ng		-0.05
78) Terphenyl-d14	12.92	244	1328300	92.43	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	189805	45.12	ng	#	83
3) Pyridine	3.08	79	554321	51.82	ng		86
4) n-Nitrosodimethylamine	3.05	42	288209	57.38	ng		85
6) Aniline	6.48	93	313917	22.97	ng	#	30
8) 2-Chlorophenol	6.60	128	439531	51.17	ng		96
9) Benzaldehyde	6.35	77	164262	22.89	ng		85
10) Phenol	6.48	94	628725	53.64	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	462691	49.46	ng		87
12) 1,3-Dichlorobenzene	6.75	146	482087	47.92	ng		96
13) 1,4-Dichlorobenzene	6.83	146	431333	42.36	ng		96
14) 1,2-Dichlorobenzene	6.98	146	428494	44.01	ng		96
15) Benzyl Alcohol	6.97	79	342008	46.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	716614	44.09	ng		68
17) 2-Methylphenol	7.08	107	333847	45.30	ng		94
18) Hexachloroethane	7.32	117	165619m	47.65	ng		
19) n-Nitroso-di-n-propylamine	7.23	70	360219	56.49	ng	#	97
20) 3+4-Methylphenols	7.24	107	474272	53.83	ng	#	79
22) Acetophenone	7.23	105	616525	56.87	ng	#	97
24) Nitrobenzene	7.40	77	424365	48.47	ng		99
25) Isophorone	7.64	82	968660	60.96	ng	#	92
26) 2-Nitrophenol	7.72	139	233893	56.20	ng	#	94
27) 2,4-Dimethylphenol	7.77	122	404179	55.29	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	532636	50.61	ng	#	88
29) 2,4-Dichlorophenol	7.97	162	370890	54.40	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	345454	47.02	ng		96
31) Naphthalene	8.12	128	1204460	50.04	ng		99
32) Benzoic acid	7.87	122	26701	12.65	ng	#	1
33) 4-Chloroaniline	8.18	127	207309	21.96	ng		96
34) Hexachlorobutadiene	8.24	225	190499	47.13	ng		99
35) Caprolactam	8.52	113	251480	117.27	ng	#	1
36) 4-Chloro-3-methylphenol	8.68	107	373013	52.48	ng		89
37) 2-Methylnaphthalene	8.82	142	909305	58.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	302243	44.71	ng		98
40) Hexachlorocyclopentadiene	8.97	237	142571	46.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	231239	52.06	ng		91
43) 2,4,5-Trichlorophenol	9.15	196	227293	46.70	ng		93
45) 1,1'-Biphenyl	9.28	154	899003	51.56	ng		98
46) 2-Chloronaphthalene	9.30	162	649857	47.64	ng		94
47) 2-Nitroaniline	9.40	65	240831	52.51	ng		95
48) Acenaphthylene	9.71	152	1092351	46.36	ng		99
49) Dimethylphthalate	9.58	163	904897	55.79	ng		99
50) 2,6-Dinitrotoluene	9.65	165	195112	55.70	ng	#	76
51) Acenaphthene	9.88	154	631669	44.84	ng		96
52) 3-Nitroaniline	9.81	138	119514	29.81	ng		95
53) 2,4-Dinitrophenol	9.94	184	28720	19.90	ng	#	48
54) Dibenzofuran	10.05	168	930605	49.38	ng		98
55) 4-Nitrophenol	10.01	139	228777	79.24	ng	#	80
56) 2,4-Dinitrotoluene	10.05	165	218000	46.75	ng	#	83
57) Fluorene	10.40	166	747451	51.56	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	182954	56.35	ng	#	95
59) Diethylphthalate	10.27	149	808621	52.90	ng		100
60) 4-Chlorophenyl-phenylether	10.38	204	332838	47.79	ng		97
61) 4-Nitroaniline	10.43	138	193128	47.04	ng		93
62) Azobenzene	10.54	77	995471	63.04	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	81620	31.33	ng	#	28
65) n-Nitrosodiphenylamine	10.51	169	707593	50.12	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	219136	47.46	ng		97
67) Hexachlorobenzene	10.94	284	200802	44.01	ng	#	74
68) Atrazine	11.04	200	224672	49.59	ng		99
69) Pentachlorophenol	11.15	266	169613	72.73	ng		98
70) Phenanthrene	11.36	178	1068494	42.20	ng		98
71) Anthracene	11.41	178	1250146	49.17	ng		98
72) Carbazole	11.57	167	1128399	46.43	ng		98
73) Di-n-butylphthalate	11.89	149	1341902	51.05	ng	#	97
74) Fluoranthene	12.54	202	1089851	41.73	ng		99
76) Benzidine	12.67	184	355485	24.71	ng		96
77) Pyrene	12.77	202	1090290	43.15	ng		99
79) Butylbenzylphthalate	13.39	149	550530	53.65	ng		84
80) Benzo(a)anthracene	13.96	228	886162	42.91	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	237981	32.33	ng	#	97
82) Chrysene	14.00	228	803704	41.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	723181	51.53	ng	#	94
84) Di-n-octyl phthalate	14.56	149	1102751	48.26	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	803374	53.64	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	747907m	42.51	ng		
88) Benzo(k)fluoranthene	15.03	252	765472m	50.39	ng		
89) Benzo(a)pyrene	15.35	252	733580	48.20	ng		97
90) Dibenzo(a,h)anthracene	16.80	278	661128	53.75	ng	#	94
91) Benzo(g,h,i)perylene	17.22	276	714739	57.52	ng	#	94

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

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