Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093987.D
Acq On : 28 Mar 2017 12:04
Operator : SJ/MA
Sample : I2411-03MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3MSD

Manual Integrations APPROVED
mohammad
3/28/2017 3:43:45 PM

Quant Time: Mar 28 13:49:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	173313	20.00	ng		-0.01
21) Naphthalene-d8	7.45	136	700827	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	304815	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	493196	20.00	ng		0.00
75) Chrysene-d12	14.66	240	312279	20.00	ng		-0.02
86) Perylene-d12	16.30	264	289570	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	1456240	141.92	ng		0.00
7) Phenol-d6	5.55	99	1895365	149.31	ng		0.00
23) Nitrobenzene-d5	6.59	82	1169984	95.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	353926	146.94	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	1853374	92.74	ng		0.00
78) Terphenyl-d14	13.39	244	1279537	91.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	202611	41.10	ng		97
3) Pyridine	2.84	79	568073	42.28	ng		99
4) n-Nitrosodimethylamine	2.80	42	268343	48.54	ng		94
6) Aniline	5.57	93	314936	17.84	ng	#	83
8) 2-Chlorophenol	5.70	128	564533	50.05	ng		98
9) Benzaldehyde	5.43	77	129921	15.16	ng		98
10) Phenol	5.56	94	688904	47.69	ng		100
11) bis(2-Chloroethyl)ether	5.65	93	530816	47.02	ng		95
12) 1,3-Dichlorobenzene	5.87	146	605170	47.83	ng		98
13) 1,4-Dichlorobenzene	5.96	146	610528	47.65	ng		96
14) 1,2-Dichlorobenzene	6.14	146	560209	47.47	ng		95
15) Benzyl Alcohol	6.11	79	469886	50.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.27	45	755456	43.43	ng		98
17) 2-Methylphenol	6.25	107	483978	50.10	ng		100
18) Hexachloroethane	6.53	117	204751	45.46	ng	#	84
19) n-Nitroso-di-n-propylamine	6.43	70	386256	47.34	ng		97
20) 3+4-Methylphenols	6.43	107	580851	49.65	ng	#	67
22) Acetophenone	6.42	105	792903	50.76	ng	#	89
24) Nitrobenzene	6.62	77	585949	48.38	ng		96
25) Isophorone	6.90	82	1049819	48.65	ng		95
26) 2-Nitrophenol	6.99	139	320049	55.41	ng		99
27) 2,4-Dimethylphenol	7.06	122	510035	51.25	ng		98
28) bis(2-Chloroethoxy)methane	7.16	93	686137	48.22	ng		98
29) 2,4-Dichlorophenol	7.29	162	487280	52.37	ng		99
30) 1,2,4-Trichlorobenzene	7.38	180	469531	48.99	ng		99
31) Naphthalene	7.47	128	1588945	47.15	ng		100
32) Benzoic acid	7.14	122	27735	4.19	ng		96
33) 4-Chloroaniline	7.53	127	124660	9.13	ng		93
34) Hexachlorobutadiene	7.63	225	231868	47.18	ng		99
35) Caprolactam	7.99	113	146489m	49.37	ng		
36) 4-Chloro-3-methylphenol	8.16	107	507734	52.22	ng		88
37) 2-Methylnaphthalene	8.32	142	1073272	47.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	398894	47.84	ng		100
40) Hexachlorocyclopentadiene	8.52	237	242870	62.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	319066	54.08	ng		97
43) 2,4,5-Trichlorophenol	8.72	196	316080	49.51	ng		95
45) 1,1'-Biphenyl	8.89	154	1161522	47.24	ng		98
46) 2-Chloronaphthalene	8.91	162	937085	48.69	ng		95
47) 2-Nitroaniline	9.04	65	286108	50.11	ng	#	82
48) Acenaphthylene	9.42	152	1438493	44.97	ng		99
49) Dimethylphthalate	9.28	163	1213344	56.00	ng		100
50) 2,6-Dinitrotoluene	9.35	165	253793	51.10	ng		92
51) Acenaphthene	9.63	154	852185	45.66	ng		100
52) 3-Nitroaniline	9.54	138	143461	24.60	ng		93
53) 2,4-Dinitrophenol	9.67	184	80807	33.29	ng	#	66
54) Dibenzofuran	9.85	168	1227689	48.32	ng		100
55) 4-Nitrophenol	9.78	139	406894	89.08	ng	#	69
56) 2,4-Dinitrotoluene	9.84	165	302626	48.50	ng	#	73
57) Fluorene	10.27	166	900887	42.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	226813	51.78	ng		98
59) Diethylphthalate	10.15	149	1046950	48.89	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	393994	43.90	ng		90
61) 4-Nitroaniline	10.30	138	240383	42.95	ng		97
62) Azobenzene	10.47	77	994463	49.09	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	89480	29.62	ng	#	74
65) n-Nitrosodiphenylamine	10.42	169	875628	51.34	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	245708	50.65	ng		94
67) Hexachlorobenzene	10.95	284	241068	49.09	ng	#	88
68) Atrazine	11.09	200	257487	50.40	ng		96
69) Pentachlorophenol	11.19	266	251985	82.45	ng		99
70) Phenanthrene	11.44	178	1267167	46.19	ng		99
71) Anthracene	11.51	178	1314462	46.53	ng		99
72) Carbazole	11.71	167	1237743	42.73	ng		98
73) Di-n-butylphthalate	12.16	149	1526635	50.68	ng		99
74) Fluoranthene	12.90	202	1159928	41.29	ng		99
76) Benzidine	13.07	184	443138	35.85	ng	#	92
77) Pyrene	13.18	202	1127624	49.76	ng		100
79) Butylbenzylphthalate	14.00	149	558680	57.86	ng	#	84
80) Benzo(a)anthracene	14.65	228	864367	47.47	ng		99
81) 3,3'-Dichlorobenzidine	14.63	252	251720	38.67	ng	#	96
82) Chrysene	14.70	228	768149	45.46	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	757578	57.50	ng	#	99
84) Di-n-octyl phthalate	15.47	149	1190782	54.11	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	766041	52.34	ng		99
87) Benzo(b)fluoranthene	15.89	252	860263	48.47	ng		97
88) Benzo(k)fluoranthene	15.92	252	724032	41.69	ng		97
89) Benzo(a)pyrene	16.24	252	776124	47.48	ng		99
90) Dibenzo(a,h)anthracene	17.69	278	650048	46.96	ng		97
91) Benzo(g,h,i)perylene	18.07	276	609975	43.72	ng		99

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

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