Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093986.D
Acq On : 28 Mar 2017 11:37
Operator : SJ/MA
Sample : I2411-03MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3MS

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

Quant Time: Mar 28 13:47:35 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	173398	20.00	ng		-0.01
21) Naphthalene-d8	7.45	136	696248	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	297361	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	488344	20.00	ng		0.00
75) Chrysene-d12	14.67	240	305452	20.00	ng		-0.01
86) Perylene-d12	16.30	264	286256	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	1484886	144.64	ng		0.00
7) Phenol-d6	5.55	99	1896850	149.35	ng		0.00
23) Nitrobenzene-d5	6.59	82	1168756	95.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	354283	150.77	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	1778513	91.23	ng		0.00
78) Terphenyl-d14	13.39	244	1266089	92.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	205183	41.60	ng		99
3) Pyridine	2.83	79	577040	42.93	ng		97
4) n-Nitrosodimethylamine	2.80	42	273634	49.47	ng		91
6) Aniline	5.57	93	383714	21.72	ng	#	80
8) 2-Chlorophenol	5.70	128	577282	51.16	ng		98
9) Benzaldehyde	5.43	77	136075	15.87	ng		98
10) Phenol	5.56	94	699876	48.43	ng		100
11) bis(2-Chloroethyl)ether	5.65	93	549533	48.66	ng		97
12) 1,3-Dichlorobenzene	5.87	146	618361	48.85	ng		99
13) 1,4-Dichlorobenzene	5.96	146	630973	49.22	ng		98
14) 1,2-Dichlorobenzene	6.14	146	579921	49.12	ng		95
15) Benzyl Alcohol	6.11	79	478215	51.44	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	782371	44.95	ng		98
17) 2-Methylphenol	6.25	107	493510	51.07	ng		98
18) Hexachloroethane	6.53	117	214764	47.66	ng	#	87
19) n-Nitroso-di-n-propylamine	6.43	70	396205	48.54	ng		97
20) 3+4-Methylphenols	6.43	107	591920	50.57	ng	#	66
22) Acetophenone	6.42	105	812135	52.34	ng	#	89
24) Nitrobenzene	6.62	77	593514	49.33	ng		94
25) Isophorone	6.90	82	1081326	50.44	ng		96
26) 2-Nitrophenol	6.99	139	318279	55.47	ng		94
27) 2,4-Dimethylphenol	7.06	122	515736	52.16	ng		98
28) bis(2-Chloroethoxy)methane	7.16	93	687672	48.64	ng		100
29) 2,4-Dichlorophenol	7.29	162	486767	52.66	ng		98
30) 1,2,4-Trichlorobenzene	7.38	180	490533	51.52	ng		99
31) Naphthalene	7.47	128	1625652	48.56	ng		100
32) Benzoic acid	7.17	122	119044	18.09	ng		98
33) 4-Chloroaniline	7.53	127	128636	9.48	ng		95
34) Hexachlorobutadiene	7.63	225	244278	50.03	ng		99
35) Caprolactam	7.99	113	154671m	52.47	ng		
36) 4-Chloro-3-methylphenol	8.16	107	517942	53.62	ng		89
37) 2-Methylnaphthalene	8.32	142	1102841	49.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	414374	50.94	ng		100
40) Hexachlorocyclopentadiene	8.52	237	255423	67.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	319818	55.57	ng		97
43) 2,4,5-Trichlorophenol	8.72	196	321381	51.61	ng		95
45) 1,1'-Biphenyl	8.89	154	1210296	50.46	ng		98
46) 2-Chloronaphthalene	8.92	162	959688	51.11	ng		96
47) 2-Nitroaniline	9.04	65	290985	52.24	ng	#	81
48) Acenaphthylene	9.42	152	1496382	47.96	ng		99
49) Dimethylphthalate	9.28	163	1221823	57.80	ng		100
50) 2,6-Dinitrotoluene	9.35	165	253590	52.33	ng	#	88
51) Acenaphthene	9.63	154	892297	49.01	ng		99
52) 3-Nitroaniline	9.54	138	139568	24.53	ng		92
53) 2,4-Dinitrophenol	9.67	184	98451	40.42	ng	#	68
54) Dibenzofuran	9.85	168	1277356	51.54	ng		99
55) 4-Nitrophenol	9.78	139	412170	92.50	ng	#	69
56) 2,4-Dinitrotoluene	9.84	165	304822	50.08	ng	#	73
57) Fluorene	10.27	166	928260	45.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	230137	53.86	ng		99
59) Diethylphthalate	10.15	149	1087964	52.08	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	409459	46.76	ng		90
61) 4-Nitroaniline	10.30	138	242921	44.49	ng		97
62) Azobenzene	10.47	77	1031371	52.19	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	90477	30.25	ng	#	75
65) n-Nitrosodiphenylamine	10.42	169	900262	53.31	ng		97
66) 4-Bromophenyl-phenylether	10.87	248	252406	52.55	ng		95
67) Hexachlorobenzene	10.95	284	258654	53.20	ng	#	91
68) Atrazine	11.09	200	264714	52.33	ng		96
69) Pentachlorophenol	11.19	266	257319	85.03	ng		98
70) Phenanthrene	11.45	178	1318920	48.55	ng		100
71) Anthracene	11.51	178	1360599	48.64	ng		99
72) Carbazole	11.71	167	1261579	43.99	ng		98
73) Di-n-butylphthalate	12.16	149	1580709	52.99	ng		99
74) Fluoranthene	12.90	202	1199141	43.11	ng		98
76) Benzidine	13.07	184	439820	36.38	ng	#	92
77) Pyrene	13.18	202	1175948	53.05	ng		99
79) Butylbenzylphthalate	14.00	149	580789	61.49	ng	#	87
80) Benzo(a)anthracene	14.66	228	899643	50.51	ng		98
81) 3,3'-Dichlorobenzidine	14.63	252	257116	40.39	ng	#	96
82) Chrysene	14.70	228	799764	48.38	ng		100
83) Bis(2-ethylhexyl)phthalate	14.72	149	767124	59.53	ng	#	99
84) Di-n-octyl phthalate	15.47	149	1209318	56.18	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	816737	57.05	ng		99
87) Benzo(b)fluoranthene	15.89	252	896613	51.10	ng		98
88) Benzo(k)fluoranthene	15.92	252	780542m	45.46	ng		
89) Benzo(a)pyrene	16.24	252	817070	50.57	ng		98
90) Dibenzo(a,h)anthracene	17.69	278	693834	50.70	ng		98
91) Benzo(g,h,i)perylene	18.08	276	655870	47.56	ng		98

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

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