Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097506.D
Acq On : 9 Aug 2017 9:27
Operator : SJ/JU
Sample : I4592-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:58 PM

Quant Time: Aug 09 17:17:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	100300	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	378894	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	150716	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	211646	20.00	ng		0.00
75) Chrysene-d12	13.53	240	141045	20.00	ng		0.00
86) Perylene-d12	14.87	264	115510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	835173	125.52	ng		0.02
7) Phenol-d6	6.09	99	889428	117.10	ng		0.00
23) Nitrobenzene-d5	6.99	82	581523	90.04	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	153759	129.12	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	923224	103.96	ng		0.00
78) Terphenyl-d14	12.49	244	604783	87.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	122165	43.999	ng	#	65
3) Pyridine	2.68	79	266259m	31.317	ng		
4) n-Nitrosodimethylamine	2.61	42	216156	45.892	ng		82
6) Aniline	6.08	93	86407	9.040	ng	#	67
8) 2-Chlorophenol	6.20	128	305993	43.010	ng		92
9) Benzaldehyde	5.98	77	22399	4.982	ng		99
10) Phenol	6.10	94	316145	35.090	ng		97
11) bis(2-Chloroethyl)ether	6.16	93	315909	44.333	ng		88
12) 1,3-Dichlorobenzene	6.35	146	323854	42.240	ng		97
13) 1,4-Dichlorobenzene	6.43	146	327180	43.061	ng		97
14) 1,2-Dichlorobenzene	6.58	146	275287	41.495	ng		96
15) Benzyl Alcohol	6.58	79	232562	48.359	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.70	45	594261	41.579	ng		98
17) 2-Methylphenol	6.71	107	240798	43.855	ng	#	91
18) Hexachloroethane	6.91	117	97665	35.135	ng	#	81
19) n-Nitroso-di-n-propylamine	6.85	70	212646	42.532	ng	#	83
20) 3+4-Methylphenols	6.87	107	327038	45.603	ng	#	61
22) Acetophenone	6.83	105	410819	45.150	ng	#	97
24) Nitrobenzene	7.00	77	290279	43.154	ng		93
25) Isophorone	7.25	82	521847	41.257	ng		96
26) 2-Nitrophenol	7.32	139	136795	37.589	ng	#	87
27) 2,4-Dimethylphenol	7.39	122	254152	42.336	ng		96
28) bis(2-Chloroethoxy)methane	7.46	93	374912	45.420	ng		99
29) 2,4-Dichlorophenol	7.58	162	253195	48.958	ng		97
30) 1,2,4-Trichlorobenzene	7.64	180	222092	45.054	ng		98
31) Naphthalene	7.71	128	794870	44.504	ng		100
32) Benzoic acid	7.57	122	170086	37.943	ng		91
33) 4-Chloroaniline	7.79	127	80478	11.074	ng		99
34) Hexachlorobutadiene	7.83	225	114881	43.959	ng		98
35) Caprolactam	8.16	113	70878	42.741	ng	#	53
36) 4-Chloro-3-methylphenol	8.30	107	258704	45.852	ng		88
37) 2-Methylnaphthalene	8.40	142	559131	49.443	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	199543	49.619	ng		99
40) Hexachlorocyclopentadiene	8.56	237	8268	11.986	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	134187	46.045	ng		99
43) 2,4,5-Trichlorophenol	8.76	196	121756	41.741	ng		97
45) 1,1'-Biphenyl	8.87	154	612945	47.614	ng		98
46) 2-Chloronaphthalene	8.89	162	459244	48.478	ng		95
47) 2-Nitroaniline	9.00	65	187282	54.474	ng		95
48) Acenaphthylene	9.30	152	673417	46.313	ng		98
49) Dimethylphthalate	9.18	163	571664	49.948	ng		98
50) 2,6-Dinitrotoluene	9.25	165	107859	44.433	ng	#	73
51) Acenaphthene	9.47	154	399692	46.666	ng		98
52) 3-Nitroaniline	9.42	138	81280	26.976	ng		91
53) 2,4-Dinitrophenol	9.56	184	11100	10.057	ng	#	69
54) Dibenzofuran	9.64	168	591204	51.822	ng		94
55) 4-Nitrophenol	9.63	139	56536m	31.553	ng		
56) 2,4-Dinitrotoluene	9.66	165	129849	46.532	ng	#	77
57) Fluorene	9.98	166	408435	47.634	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.78	232	96186	47.758	ng		98
59) Diethylphthalate	9.87	149	525734	50.069	ng		100
60) 4-Chlorophenyl-phenylether	9.97	204	174182	49.193	ng		98
61) 4-Nitroaniline	10.03	138	119882	41.874	ng		92
62) Azobenzene	10.14	77	487565	50.053	ng		92
64) 4,6-Dinitro-2-methylphenol	10.08	198	11299	8.591	ng	#	63
65) n-Nitrosodiphenylamine	10.10	169	381829	51.851	ng		96
66) 4-Bromophenyl-phenylether	10.46	248	110323	52.232	ng		99
67) Hexachlorobenzene	10.53	284	108983	46.012	ng	#	91
68) Atrazine	10.63	200	67780	32.098	ng		95
69) Pentachlorophenol	10.74	266	70049	71.478	ng		98
70) Phenanthrene	10.93	178	553572	48.816	ng		99
71) Anthracene	10.99	178	557873	48.032	ng		99
72) Carbazole	11.15	167	512916	44.903	ng		99
73) Di-n-butylphthalate	11.49	149	712479	50.459	ng		99
74) Fluoranthene	12.11	202	557330	50.168	ng		97
76) Benzidine	12.25	184	57537	10.994	ng	#	94
77) Pyrene	12.34	202	560826	48.569	ng		99
79) Butylbenzylphthalate	12.97	149	286820	48.832	ng	#	78
80) Benzo(a)anthracene	13.52	228	414571	45.426	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	101085	29.372	ng	#	95
82) Chrysene	13.56	228	423703	47.546	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	350771	45.739	ng		98
84) Di-n-octyl phthalate	14.14	149	635988	45.191	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	297128	38.884	ng		97
87) Benzo(b)fluoranthene	14.53	252	338143	48.699	ng		97
88) Benzo(k)fluoranthene	14.55	252	349941m	52.888	ng		
89) Benzo(a)pyrene	14.82	252	316013	49.727	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	249576	47.891	ng		95
91) Benzo(g,h,i)perylene	16.41	276	244956	44.823	ng		99

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

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