Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092926.D
Acq On : 13 Feb 2017 18:56
Operator : SJ/MA
Sample : PB96899BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96899BS

Manual Integrations APPROVED
mohammad
2/14/2017 11:30:23 AM

Quant Time: Feb 14 01:00:12 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134064	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	561045	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	292387	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	496793	20.00	ng		0.00
75) Chrysene-d12	14.04	240	435195	20.00	ng		-0.01
86) Perylene-d12	15.48	264	400371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	967038	123.75	ng		0.01
7) Phenol-d6	6.52	99	1166629	116.03	ng		-0.01
23) Nitrobenzene-d5	7.45	82	723591	71.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	260960	123.40	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1339753	83.01	ng		0.00
78) Terphenyl-d14	12.99	244	1252762	67.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	144082	34.12	ng		87
3) Pyridine	3.29	79	363185	33.83	ng		87
4) n-Nitrosodimethylamine	3.24	42	198768	39.43	ng		86
6) Aniline	6.54	93	265062	19.33	ng	#	47
8) 2-Chlorophenol	6.67	128	359030	41.65	ng		92
9) Benzaldehyde	6.43	77	91605	12.72	ng		98
10) Phenol	6.53	94	469630	39.92	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	343566	36.59	ng		88
12) 1,3-Dichlorobenzene	6.82	146	398108m	39.43	ng		
13) 1,4-Dichlorobenzene	6.90	146	418708	40.97	ng		96
14) 1,2-Dichlorobenzene	7.05	146	364433	37.29	ng		98
15) Benzyl Alcohol	7.02	79	296502	39.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	611443	37.48	ng		93
17) 2-Methylphenol	7.14	107	294925	39.88	ng		97
18) Hexachloroethane	7.39	117	131538	37.70	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	257774	40.27	ng		98
20) 3+4-Methylphenols	7.30	107	372019	42.07	ng		96
22) Acetophenone	7.29	105	464565	36.27	ng	#	93
24) Nitrobenzene	7.47	77	403238	38.98	ng	#	85
25) Isophorone	7.71	82	719321	38.32	ng		98
26) 2-Nitrophenol	7.78	139	191381	38.92	ng		91
27) 2,4-Dimethylphenol	7.82	122	346019	40.06	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	445089	35.80	ng		99
29) 2,4-Dichlorophenol	8.03	162	327655	40.68	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	330870	38.12	ng		99
31) Naphthalene	8.19	128	1055836	37.12	ng		99
32) Benzoic acid	7.95	122	133152	30.31	ng		98
33) 4-Chloroaniline	8.24	127	143801	12.89	ng		97
34) Hexachlorobutadiene	8.30	225	171850	35.98	ng		99
35) Caprolactam	8.60	113	97410	38.45	ng	#	34
36) 4-Chloro-3-methylphenol	8.73	107	342996	40.84	ng		96
37) 2-Methylnaphthalene	8.88	142	682276	37.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	317359	38.67	ng		98
40) Hexachlorocyclopentadiene	9.02	237	174263	47.06	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	223150	41.38	ng		93
43) 2,4,5-Trichlorophenol	9.21	196	223696m	37.86	ng		
45) 1,1'-Biphenyl	9.34	154	859356	40.59	ng		100
46) 2-Chloronaphthalene	9.37	162	677080	40.88	ng		99
47) 2-Nitroaniline	9.46	65	211058	37.90	ng		91
48) Acenaphthylene	9.78	152	1004067	35.09	ng		98
49) Dimethylphthalate	9.64	163	725897	36.86	ng		99
50) 2,6-Dinitrotoluene	9.71	165	189345	44.52	ng		91
51) Acenaphthene	9.95	154	668049	39.05	ng		95
52) 3-Nitroaniline	9.87	138	100264	20.60	ng		94
53) 2,4-Dinitrophenol	9.98	184	167433	77.54	ng	#	67
54) Dibenzofuran	10.12	168	874457	38.22	ng		97
55) 4-Nitrophenol	10.05	139	269680	76.93	ng	#	61
56) 2,4-Dinitrotoluene	10.11	165	217223	38.36	ng		97
57) Fluorene	10.46	166	648851	36.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	177158	44.94	ng		95
59) Diethylphthalate	10.34	149	716273	38.59	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	308322	36.46	ng	#	72
61) 4-Nitroaniline	10.49	138	166630	33.42	ng		93
62) Azobenzene	10.61	77	798838	41.66	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	131853	43.85	ng		91
65) n-Nitrosodiphenylamine	10.58	169	610917	38.49	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	181897	35.05	ng		94
67) Hexachlorobenzene	11.01	284	190048	37.05	ng	#	90
68) Atrazine	11.10	200	177219	34.80	ng		98
69) Pentachlorophenol	11.21	266	191403	72.98	ng		97
70) Phenanthrene	11.42	178	977972	34.36	ng		98
71) Anthracene	11.48	178	1109635	38.82	ng		98
72) Carbazole	11.63	167	969910	35.50	ng		99
73) Di-n-butylphthalate	11.96	149	1109014	37.53	ng		98
74) Fluoranthene	12.61	202	995931	33.92	ng		99
76) Benzidine	12.74	184	254389	13.72	ng		97
77) Pyrene	12.84	202	1011775	31.07	ng		99
79) Butylbenzylphthalate	13.46	149	479194	36.23	ng		94
80) Benzo(a)anthracene	14.03	228	907196	34.08	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	211824	22.33	ng	#	94
82) Chrysene	14.07	228	801805	32.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	658258	36.39	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1148340	38.99	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	879856	45.58	ng		95
87) Benzo(b)fluoranthene	15.07	252	983569	37.32	ng	#	96
88) Benzo(k)fluoranthene	15.09	252	785370m	34.52	ng		
89) Benzo(a)pyrene	15.43	252	852172	37.38	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	735874	39.94	ng		99
91) Benzo(g,h,i)perylene	17.33	276	738905	39.70	ng	#	91

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

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