Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092320.D
Acq On : 17 Jan 2017 17:06
Operator : UM/SJ
Sample : PB96060BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96060BS

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:25 PM

Quant Time: Jan 18 00:23:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	182379	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	789877	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	414869	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	633538	20.00	ng		0.00
75) Chrysene-d12	13.70	240	435343	20.00	ng		0.00
86) Perylene-d12	15.05	264	382575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	1512247	138.45	ng		0.02
7) Phenol-d6	6.23	99	1976537	148.22	ng		0.01
23) Nitrobenzene-d5	7.14	82	1264519	89.02	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	397885	115.89	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2154321	110.22	ng		0.01
78) Terphenyl-d14	12.66	244	1880995	104.79	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	196127	36.47	ng		96
3) Pyridine	2.67	79	515231	27.45	ng		96
4) n-Nitrosodimethylamine	2.63	42	245906	34.73	ng		95
6) Aniline	6.22	93	179525	10.36	ng	#	84
8) 2-Chlorophenol	6.35	128	522747	42.07	ng		91
9) Benzaldehyde	6.11	77	26322	2.42	ng		99
10) Phenol	6.24	94	570157	37.52	ng	#	63
11) bis(2-Chloroethyl)ether	6.30	93	529336	43.78	ng		99
12) 1,3-Dichlorobenzene	6.48	146	535127	40.35	ng	#	88
13) 1,4-Dichlorobenzene	6.56	146	541731	40.13	ng		99
14) 1,2-Dichlorobenzene	6.72	146	495290	42.28	ng		98
15) Benzyl Alcohol	6.71	79	426700	41.18	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.85	45	733109	40.72	ng	#	41
17) 2-Methylphenol	6.85	107	422911	42.32	ng	#	89
18) Hexachloroethane	7.06	117	205008	40.96	ng	#	87
19) n-Nitroso-di-n-propylamine	6.99	70	384175	43.30	ng		100
20) 3+4-Methylphenols	7.01	107	602339	50.54	ng	#	73
22) Acetophenone	6.98	105	777525	39.91	ng		93
24) Nitrobenzene	7.15	77	560668	37.06	ng		98
25) Isophorone	7.39	82	1070797	40.86	ng		94
26) 2-Nitrophenol	7.47	139	300851	40.32	ng		96
27) 2,4-Dimethylphenol	7.52	122	471533	38.10	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	669294	42.11	ng		99
29) 2,4-Dichlorophenol	7.72	162	448482	42.80	ng		91
30) 1,2,4-Trichlorobenzene	7.79	180	453576	39.50	ng		94
31) Naphthalene	7.87	128	1540041	42.60	ng		99
32) Benzoic acid	7.68	122	190158	20.72	ng		93
33) 4-Chloroaniline	7.92	127	96297	5.91	ng		97
34) Hexachlorobutadiene	7.98	225	238727	39.39	ng		99
35) Caprolactam	8.31	113	142805m	41.47	ng		
36) 4-Chloro-3-methylphenol	8.44	107	499655	41.44	ng		100
37) 2-Methylnaphthalene	8.55	142	941386	41.93	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	433650	41.37	ng		98
40) Hexachlorocyclopentadiene	8.71	237	324785	70.09	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	284323	38.79	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	269943	35.78	ng		93
45) 1,1'-Biphenyl	9.02	154	1241944	43.72	ng		97
46) 2-Chloronaphthalene	9.04	162	942928	41.92	ng		98
47) 2-Nitroaniline	9.15	65	276050	34.47	ng		96
48) Acenaphthylene	9.46	152	1439564	41.61	ng		98
49) Dimethylphthalate	9.33	163	1110770	41.86	ng		98
50) 2,6-Dinitrotoluene	9.40	165	255868	44.06	ng		88
51) Acenaphthene	9.63	154	925352	39.45	ng		99
52) 3-Nitroaniline	9.56	138	66787	9.29	ng		89
53) 2,4-Dinitrophenol	9.68	184	160769	49.75	ng	#	87
54) Dibenzofuran	9.80	168	1280460	40.42	ng		98
55) 4-Nitrophenol	9.76	139	307015m	62.91	ng		
56) 2,4-Dinitrotoluene	9.81	165	294161	40.35	ng	#	58
57) Fluorene	10.14	166	1009965	43.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	232966	39.05	ng		99
59) Diethylphthalate	10.03	149	1038170	40.29	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	391284	38.78	ng		96
61) 4-Nitroaniline	10.18	138	235427	31.61	ng		97
62) Azobenzene	10.29	77	1174191	41.39	ng		99
64) 4,6-Dinitro-2-methylphenol	10.21	198	135617	35.40	ng	#	32
65) n-Nitrosodiphenylamine	10.26	169	797367	42.41	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	301886	45.81	ng	#	89
67) Hexachlorobenzene	10.69	284	298773	42.41	ng	#	83
68) Atrazine	10.79	200	250087	41.24	ng		98
69) Pentachlorophenol	10.88	266	219033	63.37	ng		98
70) Phenanthrene	11.09	178	1359601	39.58	ng		99
71) Anthracene	11.15	178	1509844	52.60	ng		98
72) Carbazole	11.31	167	1359165	51.18	ng		99
73) Di-n-butylphthalate	11.65	149	1654265	51.40	ng	#	96
74) Fluoranthene	12.27	202	1379937	45.86	ng		99
76) Benzidine	12.41	184	441795	38.53	ng		97
77) Pyrene	12.50	202	1360581	42.60	ng		99
79) Butylbenzylphthalate	13.13	149	677042	46.61	ng		94
80) Benzo(a)anthracene	13.69	228	1130965	46.02	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	139425	14.96	ng		98
82) Chrysene	13.72	228	1019629m	41.36	ng		
83) Bis(2-ethylhexyl)phthalate	13.70	149	912383	53.33	ng	#	98
84) Di-n-octyl phthalate	14.30	149	1483374	46.81	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	932923	43.69	ng		99
87) Benzo(b)fluoranthene	14.69	252	1261818m	52.98	ng		
88) Benzo(k)fluoranthene	14.71	252	657402m	32.37	ng		
89) Benzo(a)pyrene	14.99	252	882995	41.77	ng	#	98
90) Dibenzo(a,h)anthracene	16.28	278	764292	43.98	ng		96
91) Benzo(g,h,i)perylene	16.63	276	804573	44.53	ng		98

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

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