Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093057.D
Acq On : 21 Feb 2017 6:18
Operator : SJ/MA
Sample : PB97045BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97045BS

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:55 PM

Quant Time: Feb 21 06:48:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158894	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	608063	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	305700	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	530258	20.00	ng		0.00
75) Chrysene-d12	14.01	240	313787	20.00	ng		-0.01
86) Perylene-d12	15.44	264	304852	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	859194	92.77	ng		0.00
7) Phenol-d6	6.49	99	991232	83.18	ng		0.00
23) Nitrobenzene-d5	7.42	82	965349	88.41	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	192558	87.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1674991	99.27	ng		0.00
78) Terphenyl-d14	12.96	244	1173403	87.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	150394	30.05	ng	#	84
3) Pyridine	3.18	79	435933	34.26	ng		88
4) n-Nitrosodimethylamine	3.14	42	246967	41.33	ng		90
6) Aniline	6.51	93	496983	30.57	ng	#	51
8) 2-Chlorophenol	6.64	128	453565	44.39	ng		89
9) Benzaldehyde	6.38	77	66547	7.79	ng		83
10) Phenol	6.50	94	537927	38.58	ng		90
11) bis(2-Chloroethyl)ether	6.58	93	457228	41.09	ng		90
12) 1,3-Dichlorobenzene	6.78	146	490397	40.98	ng	#	95
13) 1,4-Dichlorobenzene	6.86	146	512232	42.29	ng		96
14) 1,2-Dichlorobenzene	7.01	146	459433	39.67	ng		96
15) Benzyl Alcohol	6.99	79	371501	42.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	778569	40.27	ng		96
17) 2-Methylphenol	7.12	107	394393	44.99	ng		97
18) Hexachloroethane	7.36	117	162762	39.36	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	311589	41.08	ng		96
20) 3+4-Methylphenols	7.26	107	462348	44.12	ng	#	70
22) Acetophenone	7.26	105	594126	42.79	ng	#	95
24) Nitrobenzene	7.44	77	464634	41.44	ng		99
25) Isophorone	7.68	82	899617	44.21	ng		95
26) 2-Nitrophenol	7.76	139	253277	47.52	ng		96
27) 2,4-Dimethylphenol	7.80	122	444453	47.48	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	606232	44.99	ng		100
29) 2,4-Dichlorophenol	8.00	162	380315	43.57	ng		86
30) 1,2,4-Trichlorobenzene	8.08	180	396107	42.11	ng		94
31) Naphthalene	8.16	128	1190768	38.63	ng		99
32) Benzoic acid	7.94	122	234610	44.80	ng		97
33) 4-Chloroaniline	8.21	127	256581	21.22	ng		98
34) Hexachlorobutadiene	8.27	225	203681	39.35	ng		99
35) Caprolactam	8.59	113	136303m	49.64	ng		
36) 4-Chloro-3-methylphenol	8.70	107	405961	44.60	ng		98
37) 2-Methylnaphthalene	8.85	142	895138	45.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	349507	40.73	ng		99
40) Hexachlorocyclopentadiene	9.00	237	263658	68.10	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	265346	47.06	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	281790	45.61	ng	#	83
45) 1,1'-Biphenyl	9.31	154	980295	44.28	ng		96
46) 2-Chloronaphthalene	9.34	162	837924	48.39	ng		95
47) 2-Nitroaniline	9.44	65	248858	42.74	ng		95
48) Acenaphthylene	9.76	152	1290638	43.14	ng		99
49) Dimethylphthalate	9.62	163	923174	44.83	ng		99
50) 2,6-Dinitrotoluene	9.69	165	232848	52.36	ng		89
51) Acenaphthene	9.93	154	751376	42.01	ng		98
52) 3-Nitroaniline	9.85	138	138901	27.29	ng		90
53) 2,4-Dinitrophenol	9.96	184	178743	79.07	ng	#	63
54) Dibenzofuran	10.10	168	1071360	44.79	ng		96
55) 4-Nitrophenol	10.03	139	332544	90.73	ng		87
56) 2,4-Dinitrotoluene	10.09	165	256445	43.32	ng		97
57) Fluorene	10.44	166	843929	45.86	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	215388	52.26	ng		93
59) Diethylphthalate	10.32	149	898671	46.31	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	357995	40.49	ng		92
61) 4-Nitroaniline	10.46	138	211620	40.60	ng		94
62) Azobenzene	10.59	77	1007566	50.26	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	141674	44.12	ng		77
65) n-Nitrosodiphenylamine	10.56	169	803829	47.45	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	236239	42.64	ng		92
67) Hexachlorobenzene	10.99	284	238900	43.64	ng		98
68) Atrazine	11.08	200	219267	40.34	ng		99
69) Pentachlorophenol	11.18	266	226375	80.09	ng		97
70) Phenanthrene	11.40	178	1201732	39.56	ng		99
71) Anthracene	11.46	178	1301069	42.65	ng		98
72) Carbazole	11.61	167	1036164	35.53	ng		100
73) Di-n-butylphthalate	11.94	149	1476146	46.80	ng	#	97
74) Fluoranthene	12.59	202	1190363	37.99	ng		94
76) Benzidine	12.72	184	427526	31.97	ng		96
77) Pyrene	12.82	202	1163003	49.53	ng		99
79) Butylbenzylphthalate	13.44	149	568400	59.61	ng	#	76
80) Benzo(a)anthracene	14.00	228	808373	42.12	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	245809	35.93	ng		97
82) Chrysene	14.04	228	793631	44.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	713136	54.68	ng		100
84) Di-n-octyl phthalate	14.60	149	1168382	55.02	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	866408	62.25	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	948096m	47.25	ng		
88) Benzo(k)fluoranthene	15.06	252	574879m	33.18	ng		
89) Benzo(a)pyrene	15.38	252	748361	43.12	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	729318	51.99	ng		98
91) Benzo(g,h,i)perylene	17.28	276	748402	52.81	ng	#	94

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

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