Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093551.D
Acq On : 11 Mar 2017 4:55
Operator : SJ/MA
Sample : PB97501BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97501BSD

Manual Integrations APPROVED

Quant Time: Mar 13 13:50:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.73	152	175895m	20.00	ng		-0.03	
21) Naphthalene-d8	8.02	136	696978	20.00	ng		-0.03	
38) Acenaphthene-d10	9.77	164	333730	20.00	ng		-0.03	
63) Phenanthrene-d10	11.26	188	599296	20.00	ng		-0.02	
75) Chrysene-d12	13.90	240	473551	20.00	ng		-0.02	
86) Perylene-d12	15.31	264	375838	20.00	ng		-0.02	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.35	112	973329	92.10	ng		0.00	
7) Phenol-d6	6.40	99	1186097	89.00	ng		-0.01	
23) Nitrobenzene-d5	7.32	82	1039626	82.76	ng		-0.02	3/13/2017 5:50:34 PM
41) 2,4,6-Tribromophenol	10.57	330	209760	96.47	ng		-0.02	
44) 2-Fluorobiphenyl	9.10	172	1570576	87.54	ng		-0.03	
78) Terphenyl-d14	12.85	244	1547309	84.95	ng		-0.02	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.30	88	185752	31.91	ng	#	83	
3) Pyridine	2.97	79	616148	41.52	ng		88	
4) n-Nitrosodimethylamine	2.95	42	286580	40.43	ng		80	
6) Aniline	6.41	93	198965m	10.88	ng			
8) 2-Chlorophenol	6.54	128	489309	41.32	ng		96	
9) Benzaldehyde	6.31	77	57599	4.86	ng		93	
10) Phenol	6.42	94	669113	40.97	ng	#	74	
11) bis(2-Chloroethyl)ether	6.48	93	502663	38.08	ng		96	
12) 1,3-Dichlorobenzene	6.68	146	508321m	37.50	ng			
13) 1,4-Dichlorobenzene	6.76	146	542157m	39.07	ng			
14) 1,2-Dichlorobenzene	6.90	146	464839	37.83	ng		97	
15) Benzyl Alcohol	6.90	79	365603	38.48	ng		98	
16) 2,2'-oxybis(1-Chloropropan	7.03	45	832780	37.98	ng	#	39	
17) 2-Methylphenol	7.03	107	391154m	39.05	ng			
18) Hexachloroethane	7.25	117	188612	40.30	ng		95	
19) n-Nitroso-di-n-propylamine	7.17	70	400511	43.71	ng		99	
20) 3+4-Methylphenols	7.19	107	557826	42.95	ng	#	71	
22) Acetophenone	7.17	105	693849	41.37	ng	#	91	
24) Nitrobenzene	7.34	77	575143	40.74	ng		93	
25) Isophorone	7.57	82	1002875	39.59	ng	#	91	
26) 2-Nitrophenol	7.66	139	262288	40.72	ng	#	86	
27) 2,4-Dimethylphenol	7.70	122	440282	42.02	ng		98	
28) bis(2-Chloroethoxy)methane	7.78	93	636273	39.79	ng		99	
29) 2,4-Dichlorophenol	7.91	162	414632	42.06	ng		93	
30) 1,2,4-Trichlorobenzene	7.97	180	405324	38.66	ng		94	
31) Naphthalene	8.05	128	1351805	38.70	ng		99	
32) Benzoic acid	7.86	122	198828	36.52	ng		95	
33) 4-Chloroaniline	8.13	127	54654	3.86	ng		94	
34) Hexachlorobutadiene	8.16	225	222434	41.19	ng		99	
35) Caprolactam	8.49	113	147235m	43.73	ng			
36) 4-Chloro-3-methylphenol	8.62	107	447335	42.52	ng		100	
37) 2-Methylnaphthalene	8.74	142	901163	40.55	ng		97	
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	385741	42.33	ng		98	
40) Hexachlorocyclopentadiene	8.88	237	193635	83.57	ng		95	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	9.03	196	264333	46.43	ng		91	
43) 2,4,5-Trichlorophenol	9.09	196	250795	41.05	ng		92	
45) 1,1'-Biphenyl	9.20	154	1050785	43.22	ng		97	
46) 2-Chloronaphthalene	9.22	162	832628	44.74	ng		94	
47) 2-Nitroaniline	9.34	65	294874	44.82	ng		88	
48) Acenaphthylene	9.64	152	1243411	40.51	ng		99	mohammad
49) Dimethylphthalate	9.51	163	1002874	45.33	ng		99	
50) 2,6-Dinitrotoluene	9.58	165	201352	41.47	ng	#	54	
51) Acenaphthene	9.81	154	742972	40.94	ng		97	
52) 3-Nitroaniline	9.76	138	28816	4.94	ng	#	84	
53) 2,4-Dinitrophenol	9.89	184	77823	35.20	ng	#	72	3/13/2017 5:50:34 PM
54) Dibenzofuran	9.98	168	1143173	50.33	ng		94	
55) 4-Nitrophenol	9.96	139	179623m	63.41	ng			
56) 2,4-Dinitrotoluene	9.99	165	270348	45.33	ng	#	67	
57) Fluorene	10.33	166	870505	45.22	ng		97	
58) 2,3,4,6-Tetrachlorophenol	10.12	232	221925	51.47	ng		97	
59) Diethylphthalate	10.21	149	1005796	47.57	ng		97	
60) 4-Chlorophenyl-phenylether	10.32	204	421752	48.88	ng	#	77	
61) 4-Nitroaniline	10.38	138	185404	31.08	ng		91	
62) Azobenzene	10.48	77	1197856	49.85	ng		92	
64) 4,6-Dinitro-2-methylphenol	10.41	198	118944	30.63	ng		80	
65) n-Nitrosodiphenylamine	10.45	169	695275	34.74	ng		99	
66) 4-Bromophenyl-phenylether	10.80	248	235959	37.23	ng	#	91	
67) Hexachlorobenzene	10.88	284	240312	39.71	ng	#	88	
68) Atrazine	10.97	200	150576	25.71	ng		97	
69) Pentachlorophenol	11.09	266	100419	48.06	ng		98	
70) Phenanthrene	11.29	178	1333447	38.98	ng		97	
71) Anthracene	11.34	178	1343276	38.82	ng		99	
72) Carbazole	11.50	167	1023576	31.49	ng		99	
73) Di-n-butylphthalate	11.82	149	1534919	40.81	ng		98	
74) Fluoranthene	12.47	202	1348773	40.82	ng		96	
77) Pyrene	12.70	202	1326665	38.52	ng		100	
79) Butylbenzylphthalate	13.32	149	658502	45.42	ng		94	
80) Benzo(a)anthracene	13.89	228	1141982	40.84	ng		99	
81) 3,3'-Dichlorobenzidine	13.86	252	38208	3.90	ng	#	96	
82) Chrysene	13.93	228	1115443	43.11	ng		99	
83) Bis(2-ethylhexyl)phthalate	13.88	149	989992	48.99	ng	#	96	
84) Di-n-octyl phthalate	14.48	149	1493919	44.36	ng		96	
85) Indeno(1,2,3-cd)pyrene	16.67	276	865289	39.95	ng	#	93	
87) Benzo(b)fluoranthene	14.92	252	1037250m	45.32	ng			
88) Benzo(k)fluoranthene	14.94	252	878652m	39.80	ng			
89) Benzo(a)pyrene	15.25	252	906470	43.33	ng	#	95	
90) Dibenzo(a,h)anthracene	16.67	278	744128	43.00	ng	#	95	
91) Benzo(g,h,i)perylene	17.08	276	723029	40.70	ng	#	94	

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

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