Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097392.D
Acq On : 5 Aug 2017 12:53
Operator : SJ/JU
Sample : PB101266BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101266BS

Manual Integrations APPROVED
Sohil
8/7/2017 6:00:40 PM

Quant Time: Aug 06 04:21:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	113213	20.00	ng		-0.08
21) Naphthalene-d8	7.71	136	463116	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	200349	20.00	ng		-0.08
63) Phenanthrene-d10	10.93	188	345711	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	221195	20.00	ng		-0.08
86) Perylene-d12	14.88	264	189507	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	896651	119.39	ng		-0.06
7) Phenol-d6	6.11	99	1043822	121.75	ng		-0.06
23) Nitrobenzene-d5	7.00	82	599514	75.94	ng		-0.08
41) 2,4,6-Tribromophenol	10.25	330	189754	119.87	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	996468	84.41	ng		-0.08
78) Terphenyl-d14	12.51	244	809071	74.58	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	122637	39.131	ng	#	73
3) Pyridine	2.61	79	348796	36.346	ng	#	64
4) n-Nitrosodimethylamine	2.56	42	212929	40.050	ng	#	76
6) Aniline	6.10	93	139990	12.975	ng	#	64
8) 2-Chlorophenol	6.22	128	323218	40.250	ng		94
9) Benzaldehyde	5.97	77	124211	24.476	ng		96
10) Phenol	6.12	94	432024	42.482	ng		96
11) bis(2-Chloroethyl)ether	6.17	93	350262	43.547	ng		91
12) 1,3-Dichlorobenzene	6.36	146	340569	39.354	ng		98
13) 1,4-Dichlorobenzene	6.44	146	341877	39.863	ng		94
14) 1,2-Dichlorobenzene	6.59	146	278927	37.248	ng		100
15) Benzyl Alcohol	6.60	79	254792	46.939	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.72	45	637078	39.491	ng		93
17) 2-Methylphenol	6.73	107	252917	40.808	ng	#	91
18) Hexachloroethane	6.93	117	117943	37.590	ng	#	81
19) n-Nitroso-di-n-propylamine	6.86	70	223793	39.656	ng	#	82
20) 3+4-Methylphenols	6.89	107	343796	42.472	ng	#	63
22) Acetophenone	6.85	105	421559	37.905	ng		99
24) Nitrobenzene	7.02	77	307264	37.372	ng		95
25) Isophorone	7.26	82	612054	39.589	ng		99
26) 2-Nitrophenol	7.33	139	176105	39.591	ng	#	84
27) 2,4-Dimethylphenol	7.40	122	279366	38.073	ng		97
28) bis(2-Chloroethoxy)methane	7.47	93	392239	38.878	ng		98
29) 2,4-Dichlorophenol	7.59	162	262001	41.448	ng		92
30) 1,2,4-Trichlorobenzene	7.66	180	236843	39.308	ng		98
31) Naphthalene	7.73	128	871871	39.938	ng		99
32) Benzoic acid	7.60	122	202390	36.938	ng		94
33) 4-Chloroaniline	7.80	127	73467	8.271	ng		95
34) Hexachlorobutadiene	7.85	225	120880	37.843	ng		98
35) Caprolactam	8.20	113	89332m	44.072	ng		
36) 4-Chloro-3-methylphenol	8.31	107	270415	39.212	ng		86
37) 2-Methylnaphthalene	8.42	142	606997	43.915	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	203146	38.001	ng		99
40) Hexachlorocyclopentadiene	8.57	237	114204	62.650	ng		99

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42) 2,4,6-Trichlorophenol	8.72	196	155186	40.059	ng		99
43) 2,4,5-Trichlorophenol	8.77	196	142144	36.658	ng		97
45) 1,1'-Biphenyl	8.89	154	649258	37.940	ng		97
46) 2-Chloronaphthalene	8.90	162	499729	39.683	ng	#	92
47) 2-Nitroaniline	9.02	65	197395	43.192	ng		91
48) Acenaphthylene	9.32	152	804113	41.601	ng		100
49) Dimethylphthalate	9.20	163	603726	39.682	ng		100
50) 2,6-Dinitrotoluene	9.26	165	131889	40.873	ng	#	78
51) Acenaphthene	9.49	154	457236	40.159	ng		99
52) 3-Nitroaniline	9.43	138	79956	19.963	ng		89
53) 2,4-Dinitrophenol	9.56	184	125077	85.250	ng	#	78
54) Dibenzofuran	9.66	168	658540	43.424	ng		92
55) 4-Nitrophenol	9.64	139	136167m	57.168	ng		
56) 2,4-Dinitrotoluene	9.67	165	173328	46.725	ng	#	67
57) Fluorene	10.00	166	496654	43.573	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.79	232	119336	44.573	ng		95
59) Diethylphthalate	9.89	149	609195	43.645	ng		98
60) 4-Chlorophenyl-phenylether	9.99	204	200684	42.637	ng		98
61) 4-Nitroaniline	10.05	138	124998	32.845	ng		92
62) Azobenzene	10.16	77	581304	44.893	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	87738	40.842	ng		86
65) n-Nitrosodiphenylamine	10.12	169	465323	38.684	ng		97
66) 4-Bromophenyl-phenylether	10.48	248	138500	40.144	ng		98
67) Hexachlorobenzene	10.55	284	140184	36.233	ng	#	93
68) Atrazine	10.66	200	136735	39.642	ng		92
69) Pentachlorophenol	10.76	266	109497	68.402	ng		99
70) Phenanthrene	10.95	178	745214	40.231	ng		99
71) Anthracene	11.00	178	738574	38.930	ng		99
72) Carbazole	11.17	167	728884	39.065	ng		99
73) Di-n-butylphthalate	11.50	149	922998	40.019	ng		99
74) Fluoranthene	12.13	202	757985	41.770	ng		98
77) Pyrene	12.35	202	782334	43.203	ng		100
79) Butylbenzylphthalate	12.99	149	386708	41.982	ng	#	84
80) Benzo(a)anthracene	13.54	228	568189	39.699	ng		98
81) 3,3'-Dichlorobenzidine	13.50	252	127618	23.645	ng		98
82) Chrysene	13.57	228	562439	40.245	ng		100
83) Bis(2-ethylhexyl)phthalate	13.55	149	570622	47.446	ng		99
84) Di-n-octyl phthalate	14.15	149	808645	36.639	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.08	276	423785	35.364	ng		97
87) Benzo(b)fluoranthene	14.53	252	435032	38.189	ng		98
88) Benzo(k)fluoranthene	14.56	252	408434	37.625	ng		96
89) Benzo(a)pyrene	14.83	252	416541	39.952	ng		97
90) Dibenzo(a,h)anthracene	16.08	278	354545	41.468	ng		96
91) Benzo(g,h,i)perylene	16.43	276	390752	43.582	ng		97

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

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