Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009478.D
Acq On : 31 Mar 2017 17:47
Operator : SJ/MA
Sample : PB97950BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97950BS

Manual Integrations APPROVED
mohammad
4/3/2017 11:49:41 AM

Quant Time: Mar 31 23:15:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111268	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	449644	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	273858	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	646882	20.00	ng		-0.01
75) Chrysene-d12	21.41	240	882147	20.00	ng		-0.01
86) Perylene-d12	23.74	264	837026	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	994244	148.94	ng		-0.01
7) Phenol-d6	7.01	99	1398190	153.60	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1015212	84.65	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	552124	162.29	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1977328	87.00	ng		-0.01
78) Terphenyl-d14	19.86	244	3300160	78.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	117072	34.88	ng	#	100
3) Pyridine	3.75	79	368992	38.90	ng	#	80
4) n-Nitrosodimethylamine	3.67	42	223694	44.30	ng	#	69
6) Aniline	7.18	93	235229	19.01	ng	#	86
8) 2-Chlorophenol	7.41	128	335402	49.55	ng	#	79
9) Benzaldehyde	6.99	77	80762	11.27	ng		86
10) Phenol	7.03	94	494442	50.13	ng		91
11) bis(2-Chloroethyl)ether	7.27	93	356416	44.08	ng		84
12) 1,3-Dichlorobenzene	7.73	146	354662	43.77	ng	#	88
13) 1,4-Dichlorobenzene	7.88	146	363336	43.39	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	360440	44.33	ng		95
15) Benzyl Alcohol	8.09	79	402223	50.54	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	607427	43.23	ng		95
17) 2-Methylphenol	8.28	107	311217	48.22	ng	#	86
18) Hexachloroethane	8.92	117	154089	44.99	ng	#	86
19) n-Nitroso-di-n-propylamine	8.65	70	346626	47.23	ng		89
20) 3+4-Methylphenols	8.61	107	429818	48.98	ng		88
22) Acetophenone	8.67	105	571096	45.03	ng	#	90
24) Nitrobenzene	9.06	77	523902	44.59	ng		90
25) Isophorone	9.57	82	858229	46.91	ng	#	89
26) 2-Nitrophenol	9.76	139	162797	45.94	ng	#	51
27) 2,4-Dimethylphenol	9.81	122	337529	52.07	ng	#	84
28) bis(2-Chloroethoxy)methane	10.06	93	501891	44.31	ng		99
29) 2,4-Dichlorophenol	10.29	162	342346	50.52	ng		94
30) 1,2,4-Trichlorobenzene	10.50	180	371498	44.18	ng		95
31) Naphthalene	10.70	128	1048415	43.93	ng		98
32) Benzoic acid	9.94	122	190193	41.50	ng	#	80
33) 4-Chloroaniline	10.81	127	86032	9.34	ng	#	80
34) Hexachlorobutadiene	10.96	225	242418	42.10	ng		94
35) Caprolactam	11.59	113	104363m	50.44	ng		
36) 4-Chloro-3-methylphenol	11.93	107	398650	51.99	ng	#	80
37) 2-Methylnaphthalene	12.30	142	769988	46.74	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	440085	42.56	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	570268	96.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	296317	50.12	ng		100
43) 2,4,5-Trichlorophenol	12.99	196	316822	48.03	ng	#	90
45) 1,1'-Biphenyl	13.32	154	1038354	45.56	ng		98
46) 2-Chloronaphthalene	13.36	162	820062	46.32	ng		96
47) 2-Nitroaniline	13.58	65	324745	49.79	ng	#	68
48) Acenaphthylene	14.22	152	1309668	45.42	ng		99
49) Dimethylphthalate	13.94	163	1027199	48.85	ng		99
50) 2,6-Dinitrotoluene	14.07	165	218837	48.30	ng	#	63
51) Acenaphthene	14.56	154	801145	46.05	ng		97
52) 3-Nitroaniline	14.40	138	79201	17.74	ng	#	46
53) 2,4-Dinitrophenol	14.62	184	235037	77.12	ng		97
54) Dibenzofuran	14.89	168	1309266	50.89	ng		94
55) 4-Nitrophenol	14.70	139	386637	104.78	ng	#	14
56) 2,4-Dinitrotoluene	14.86	165	315294	51.43	ng		97
57) Fluorene	15.54	166	1076156	46.54	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	299952	53.76	ng	#	100
59) Diethylphthalate	15.31	149	1066362	49.99	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	552936	45.79	ng		98
61) 4-Nitroaniline	15.57	138	231698	47.78	ng	#	34
62) Azobenzene	15.83	77	1374368	55.19	ng		86
64) 4,6-Dinitro-2-methylphenol	15.62	198	184707	45.32	ng		89
65) n-Nitrosodiphenylamine	15.75	169	928713	47.26	ng		100
66) 4-Bromophenyl-phenylether	16.43	248	350344	46.74	ng	#	91
67) Hexachlorobenzene	16.54	284	378780	46.11	ng	#	89
68) Atrazine	16.70	200	345237	46.72	ng		98
69) Pentachlorophenol	16.89	266	470005	93.66	ng		99
70) Phenanthrene	17.28	178	1703522	46.05	ng		99
71) Anthracene	17.37	178	1789826	47.79	ng		99
72) Carbazole	17.64	167	1605729	44.77	ng		98
73) Di-n-butylphthalate	18.20	149	1867017	50.96	ng	#	97
74) Fluoranthene	19.30	202	2144442	48.94	ng		99
76) Benzidine	19.49	184	523022	19.89	ng		99
77) Pyrene	19.66	202	2225351	44.48	ng		99
79) Butylbenzylphthalate	20.55	149	903367	50.14	ng	#	75
80) Benzo(a)anthracene	21.40	228	2408618	46.75	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	409618	21.23	ng		99
82) Chrysene	21.46	228	2202688	44.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1322715	49.20	ng		99
84) Di-n-octyl phthalate	22.21	149	2401479	53.68	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2735832	50.99	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2508271	47.27	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2344988	45.96	ng	#	97
89) Benzo(a)pyrene	23.64	252	2349768	47.83	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	2309600	47.98	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2238384	47.71	ng	#	93

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

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