Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009479.D
Acq On : 31 Mar 2017 18:23
Operator : SJ/MA
Sample : PB97950BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97950BSD

Manual Integrations APPROVED
mohammad
4/3/2017 11:49:44 AM

Quant Time: Mar 31 23:16:55 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	121532	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	476859	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	288418	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	659929	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	910378	20.00	ng		-0.01
86) Perylene-d12	23.74	264	872057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1082656	148.49	ng		-0.01
7) Phenol-d6	7.01	99	1499199	150.78	ng		-0.01
23) Nitrobenzene-d5	9.01	82	1060880	83.41	ng		-0.02
41) 2,4,6-Tribromophenol	15.99	330	548168	152.99	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2038935	85.18	ng		-0.01
78) Terphenyl-d14	19.86	244	3227074	74.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	128039	34.92	ng	#	100
3) Pyridine	3.75	79	414784	40.03	ng		90
4) n-Nitrosodimethylamine	3.67	42	245621	44.53	ng	#	68
6) Aniline	7.18	93	223476	16.54	ng	#	91
8) 2-Chlorophenol	7.41	128	374935	50.72	ng		83
9) Benzaldehyde	6.99	77	84480	10.79	ng		91
10) Phenol	7.03	94	542338	50.34	ng		92
11) bis(2-Chloroethyl)ether	7.28	93	389773	44.14	ng		86
12) 1,3-Dichlorobenzene	7.73	146	395757	44.71	ng	#	90
13) 1,4-Dichlorobenzene	7.88	146	406978	44.50	ng	#	92
14) 1,2-Dichlorobenzene	8.20	146	386929	43.57	ng	#	89
15) Benzyl Alcohol	8.09	79	428720	49.32	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	644199	41.97	ng		96
17) 2-Methylphenol	8.28	107	338497	48.02	ng	#	88
18) Hexachloroethane	8.92	117	165595	44.26	ng		95
19) n-Nitroso-di-n-propylamine	8.65	70	368799	46.01	ng	#	91
20) 3+4-Methylphenols	8.61	107	456849	47.67	ng		90
22) Acetophenone	8.67	105	601473	44.72	ng	#	89
24) Nitrobenzene	9.06	77	557607	44.75	ng	#	89
25) Isophorone	9.57	82	903445	46.56	ng	#	88
26) 2-Nitrophenol	9.76	139	184105	48.99	ng	#	52
27) 2,4-Dimethylphenol	9.82	122	352772	51.31	ng		86
28) bis(2-Chloroethoxy)methane	10.05	93	538158	44.80	ng		98
29) 2,4-Dichlorophenol	10.29	162	355681	49.49	ng		93
30) 1,2,4-Trichlorobenzene	10.50	180	399858	44.84	ng		99
31) Naphthalene	10.69	128	1113239	43.98	ng		99
32) Benzoic acid	9.94	122	206682	42.42	ng	#	78
33) 4-Chloroaniline	10.81	127	80642	8.26	ng	#	79
34) Hexachlorobutadiene	10.96	225	256723	42.04	ng		98
35) Caprolactam	11.59	113	110319m	50.28	ng		
36) 4-Chloro-3-methylphenol	11.93	107	405990	49.93	ng	#	83
37) 2-Methylnaphthalene	12.30	142	819778	46.92	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	464031	42.61	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	592108	94.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	310415	49.86	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	323349	46.55	ng	#	90
45) 1,1'-Biphenyl	13.32	154	1081166	45.04	ng		97
46) 2-Chloronaphthalene	13.36	162	847782	45.47	ng		94
47) 2-Nitroaniline	13.57	65	330413	48.10	ng	#	70
48) Acenaphthylene	14.22	152	1354699	44.61	ng		98
49) Dimethylphthalate	13.95	163	1061269	47.92	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	231203	48.45	ng	#	72
51) Acenaphthene	14.56	154	823846	44.96	ng		97
52) 3-Nitroaniline	14.40	138	66231	14.09	ng	#	47
53) 2,4-Dinitrophenol	14.61	184	256940	79.85	ng		88
54) Dibenzofuran	14.89	168	1329518	49.07	ng		96
55) 4-Nitrophenol	14.70	139	394659	101.56	ng	#	24
56) 2,4-Dinitrotoluene	14.86	165	319441	49.48	ng	#	96
57) Fluorene	15.54	166	1095107	44.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	304367	51.80	ng	#	100
59) Diethylphthalate	15.31	149	1096524	48.81	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	555875	43.71	ng		99
61) 4-Nitroaniline	15.57	138	235784	46.17	ng	#	34
62) Azobenzene	15.83	77	1374915	52.43	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	190820	45.90	ng		87
65) n-Nitrosodiphenylamine	15.75	169	947254	47.25	ng		100
66) 4-Bromophenyl-phenylether	16.43	248	349543	45.72	ng	#	90
67) Hexachlorobenzene	16.54	284	384874	45.92	ng	#	89
68) Atrazine	16.70	200	338578	44.91	ng		96
69) Pentachlorophenol	16.89	266	492470	96.19	ng		95
70) Phenanthrene	17.28	178	1764427	46.76	ng		99
71) Anthracene	17.37	178	1817304	47.57	ng		99
72) Carbazole	17.65	167	1629792	44.54	ng		99
73) Di-n-butylphthalate	18.20	149	1870058	50.04	ng	#	97
74) Fluoranthene	19.30	202	2143164	47.95	ng		98
76) Benzidine	19.49	184	509564	18.78	ng		98
77) Pyrene	19.66	202	2260834	43.79	ng		98
79) Butylbenzylphthalate	20.55	149	912764	49.09	ng	#	76
80) Benzo(a)anthracene	21.40	228	2414905	45.42	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	391659	19.67	ng	#	98
82) Chrysene	21.46	228	2208713	43.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1341547	48.35	ng	#	99
84) Di-n-octyl phthalate	22.22	149	2428562	52.60	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.12	276	2773270	50.09	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2550162	46.13	ng	#	96
88) Benzo(k)fluoranthene	23.09	252	2382847m	44.82	ng		
89) Benzo(a)pyrene	23.64	252	2400253	46.89	ng		98
90) Dibenzo(a,h)anthracene	26.12	278	2338272	46.63	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2257599	46.18	ng	#	92

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

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