Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
Data File : BM009533.D
Acq On : 04 Apr 2017 17:15
Operator : SJ/MA
Sample : PB98027BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Manual Integrations APPROVED
UGO
4/5/2017 7:59:42 PM

Quant Time: Apr 05 04:29:13 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	116654	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	460378	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	274312	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	654952	20.00	ng		-0.01
75) Chrysene-d12	21.41	240	880305	20.00	ng		-0.01
86) Perylene-d12	23.74	264	853143	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1007244	143.92	ng		-0.01
7) Phenol-d6	7.01	99	1407016	147.43	ng		-0.01
23) Nitrobenzene-d5	9.01	82	1014615	82.63	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	517901	151.98	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	1924302	84.53	ng		-0.02
78) Terphenyl-d14	19.86	244	3104778	73.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	106105	30.15	ng	#	100
3) Pyridine	3.75	79	361224	36.32	ng	#	82
4) n-Nitrosodimethylamine	3.66	42	224764	42.45	ng	#	67
6) Aniline	7.18	93	236202	18.21	ng		91
8) 2-Chlorophenol	7.40	128	335852	47.33	ng	#	80
9) Benzaldehyde	6.99	77	232206	30.91	ng		84
10) Phenol	7.03	94	487005	47.09	ng		93
11) bis(2-Chloroethyl)ether	7.27	93	355928	41.99	ng	#	79
12) 1,3-Dichlorobenzene	7.73	146	348214	40.99	ng	#	87
13) 1,4-Dichlorobenzene	7.88	146	359761	40.98	ng	#	93
14) 1,2-Dichlorobenzene	8.19	146	357237	41.91	ng	#	91
15) Benzyl Alcohol	8.09	79	385457	46.20	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	591579	40.15	ng		95
17) 2-Methylphenol	8.28	107	309109	45.68	ng	#	85
18) Hexachloroethane	8.92	117	148809	41.44	ng		89
19) n-Nitroso-di-n-propylamine	8.65	70	332817	43.26	ng	#	87
20) 3+4-Methylphenols	8.61	107	413575	44.96	ng		92
22) Acetophenone	8.67	105	558321	43.00	ng	#	88
24) Nitrobenzene	9.05	77	516146	42.91	ng	#	88
25) Isophorone	9.57	82	821653	43.87	ng	#	90
26) 2-Nitrophenol	9.76	139	167936	46.29	ng	#	44
27) 2,4-Dimethylphenol	9.81	122	317379	47.82	ng	#	78
28) bis(2-Chloroethoxy)methane	10.05	93	493917	42.59	ng		98
29) 2,4-Dichlorophenol	10.29	162	324204	46.73	ng		91
30) 1,2,4-Trichlorobenzene	10.50	180	361480	41.99	ng		98
31) Naphthalene	10.69	128	1011398	41.39	ng		98
32) Benzoic acid	9.94	122	160229	34.91	ng	#	71
33) 4-Chloroaniline	10.81	127	76120	8.08	ng	#	78
34) Hexachlorobutadiene	10.96	225	232075	39.37	ng		98
35) Caprolactam	11.59	113	94599m	44.66	ng		
36) 4-Chloro-3-methylphenol	11.92	107	369963	47.13	ng	#	81
37) 2-Methylnaphthalene	12.30	142	745205	44.18	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	425647	41.10	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	530317	89.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	280818	47.42	ng		98
43) 2,4,5-Trichlorophenol	12.98	196	293960	44.49	ng	#	86
45) 1,1'-Biphenyl	13.32	154	975465	42.73	ng		96
46) 2-Chloronaphthalene	13.36	162	778925	43.93	ng		95
47) 2-Nitroaniline	13.57	65	310429	47.52	ng	#	70
48) Acenaphthylene	14.21	152	1231340	42.63	ng		99
49) Dimethylphthalate	13.94	163	969520	46.03	ng		99
50) 2,6-Dinitrotoluene	14.07	165	207121	45.64	ng	#	69
51) Acenaphthene	14.55	154	737719	42.33	ng		99
52) 3-Nitroaniline	14.40	138	72942	16.31	ng	#	54
53) 2,4-Dinitrophenol	14.61	184	250632	81.75	ng		88
54) Dibenzofuran	14.89	168	1206908	46.83	ng		95
55) 4-Nitrophenol	14.70	139	367516	99.44	ng	#	14
56) 2,4-Dinitrotoluene	14.86	165	294529	47.97	ng	#	96
57) Fluorene	15.54	166	990873	42.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	267663	47.90	ng	#	100
59) Diethylphthalate	15.31	149	990914	46.38	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	527526	43.61	ng		95
61) 4-Nitroaniline	15.57	138	224511	46.23	ng	#	32
62) Azobenzene	15.82	77	1274475	51.10	ng		86
64) 4,6-Dinitro-2-methylphenol	15.62	198	182219	44.16	ng		88
65) n-Nitrosodiphenylamine	15.75	169	862911	43.37	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	319918	42.16	ng	#	92
67) Hexachlorobenzene	16.54	284	347445	41.77	ng	#	90
68) Atrazine	16.70	200	303632	40.58	ng		98
69) Pentachlorophenol	16.89	266	437157	86.04	ng		97
70) Phenanthrene	17.28	178	1608538	42.95	ng		99
71) Anthracene	17.37	178	1654202	43.63	ng		99
72) Carbazole	17.64	167	1508862	41.55	ng		98
73) Di-n-butylphthalate	18.19	149	1760593	47.47	ng	#	98
74) Fluoranthene	19.30	202	1988473	44.83	ng		99
76) Benzidine	19.49	184	493255	18.80	ng		99
77) Pyrene	19.66	202	2078939	41.64	ng		98
79) Butylbenzylphthalate	20.54	149	858279	47.74	ng	#	75
80) Benzo(a)anthracene	21.40	228	2277669	44.30	ng		97
81) 3,3'-Dichlorobenzidine	21.34	252	532371	27.65	ng	#	95
82) Chrysene	21.45	228	2042378	41.60	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1218183	45.41	ng		98
84) Di-n-octyl phthalate	22.21	149	2175286	48.72	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2564120	47.89	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2271275	42.00	ng	#	95
88) Benzo(k)fluoranthene	23.08	252	2250792	43.28	ng		98
89) Benzo(a)pyrene	23.64	252	2206117	44.06	ng		98
90) Dibenzo(a,h)anthracene	26.12	278	2169398	44.22	ng	#	95
91) Benzo(g,h,i)perylene	26.83	276	2086832	43.64	ng	#	92

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

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