Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025943.D
Acq On : 24 Feb 2017 22:20
Operator : SJ/MA
Sample : I1973-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2-Y6-BASEMS

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:01 PM

Quant Time: Feb 24 23:22:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	89984	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	449048	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	306362	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	745828	20.00	ng		0.00
75) Chrysene-d12	21.66	240	752613	20.00	ng		-0.01
86) Perylene-d12	24.87	264	739093	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	906415	175.37	ng		0.00
7) Phenol-d6	7.24	99	1309861	171.26	ng		0.00
23) Nitrobenzene-d5	9.24	82	728955	102.45	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	581505	205.45	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1828162	104.27	ng		0.00
78) Terphenyl-d14	20.01	244	2380363	76.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	89091	37.72	ng	#	86
3) Pyridine	3.94	79	234339	33.29	ng	#	76
4) n-Nitrosodimethylamine	3.85	42	110402	43.61	ng	#	38
6) Aniline	7.40	93	363959	34.23	ng		93
8) 2-Chlorophenol	7.64	128	336453	54.77	ng		88
9) Benzaldehyde	7.21	77	117335	25.89	ng	#	77
10) Phenol	7.27	94	543651	65.41	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	302528	44.28	ng		89
12) 1,3-Dichlorobenzene	7.97	146	317549	44.72	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	323970	45.04	ng		95
14) 1,2-Dichlorobenzene	8.44	146	316735	44.85	ng	#	90
15) Benzyl Alcohol	8.31	79	309694	55.30	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	413651	41.72	ng		92
17) 2-Methylphenol	8.51	107	318955	53.27	ng	#	84
18) Hexachloroethane	9.17	117	104003	43.63	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	265509	47.53	ng	#	83
20) 3+4-Methylphenols	8.84	107	457293	53.61	ng		87
22) Acetophenone	8.90	105	502935	46.67	ng	#	79
24) Nitrobenzene	9.28	77	366400	47.62	ng	#	79
25) Isophorone	9.80	82	766436	48.95	ng	#	91
26) 2-Nitrophenol	9.99	139	198211	55.09	ng	#	68
27) 2,4-Dimethylphenol	10.05	122	382580	56.97	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	468124	47.17	ng		97
29) 2,4-Dichlorophenol	10.52	162	375794	58.63	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	335299	48.10	ng		99
31) Naphthalene	10.94	128	1080332	46.53	ng		99
32) Benzoic acid	10.10	122	30968	6.04	ng	#	82
33) 4-Chloroaniline	11.03	127	262178	26.00	ng	#	84
34) Hexachlorobutadiene	11.22	225	181606	45.78	ng		98
35) Caprolactam	11.80	113	149969m	57.94	ng		
36) 4-Chloro-3-methylphenol	12.15	107	446045	58.16	ng	#	85
37) 2-Methylnaphthalene	12.53	142	884058	50.00	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	396368	51.62	ng		99
40) Hexachlorocyclopentadiene	12.88	237	432640	102.97	ng		93

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	319534	64.43	ng		100
43) 2,4,5-Trichlorophenol	13.20	196	346054	61.47	ng	#	91
45) 1,1'-Biphenyl	13.53	154	1171644	52.77	ng		99
46) 2-Chloronaphthalene	13.57	162	859001	53.52	ng		99
47) 2-Nitroaniline	13.76	65	305549	60.02	ng	#	71
48) Acenaphthylene	14.41	152	1499683	52.48	ng		100
49) Dimethylphthalate	14.14	163	1541166	73.33	ng		99
50) 2,6-Dinitrotoluene	14.25	165	277658	58.81	ng	#	69
51) Acenaphthene	14.75	154	1071247	56.76	ng		99
52) 3-Nitroaniline	14.58	138	210780	39.91	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	239843	97.08	ng	#	84
54) Dibenzofuran	15.08	168	1450500	57.65	ng		92
55) 4-Nitrophenol	14.88	139	529693	123.25	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	390948	61.55	ng	#	79
57) Fluorene	15.72	166	1208281	53.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	332621	66.97	ng	#	98
59) Diethylphthalate	15.49	149	1239286	57.01	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	564511	54.19	ng		96
61) 4-Nitroaniline	15.74	138	321322	58.70	ng	#	55
62) Azobenzene	16.01	77	1113232	59.57	ng		86
64) 4,6-Dinitro-2-methylphenol	15.80	198	220228	50.46	ng		90
65) n-Nitrosodiphenylamine	15.93	169	1109724	49.06	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	385991	49.38	ng		99
67) Hexachlorobenzene	16.73	284	394641	48.98	ng		94
68) Atrazine	16.87	200	401628	50.17	ng		98
69) Pentachlorophenol	17.07	266	503501	101.31	ng		94
70) Phenanthrene	17.46	178	1860349	45.95	ng		98
71) Anthracene	17.55	178	1933131	46.83	ng		98
72) Carbazole	17.81	167	1827872	44.08	ng		97
73) Di-n-butylphthalate	18.37	149	2042553	50.18	ng	#	95
74) Fluoranthene	19.46	202	2034244	45.63	ng		96
76) Benzidine	19.62	184	889096	37.42	ng		98
77) Pyrene	19.82	202	2059046	43.26	ng		99
79) Butylbenzylphthalate	20.69	149	943883	52.25	ng		87
80) Benzo(a)anthracene	21.65	228	2021362	46.00	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	518516	33.10	ng	#	98
82) Chrysene	21.71	228	1851487	43.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1358865	52.10	ng		98
84) Di-n-octyl phthalate	22.76	149	2319531	53.85	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.53	276	2435206	48.93	ng	#	87
87) Benzo(b)fluoranthene	23.86	252	2052141	46.36	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	2040133	47.24	ng	#	94
89) Benzo(a)pyrene	24.72	252	2018321	48.15	ng	#	94
90) Dibenzo(a,h)anthracene	28.59	278	2014814	47.85	ng	#	93
91) Benzo(g,h,i)perylene	29.67	276	2002598	47.43	ng	#	87

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

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