Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031777.D
Acq On : 27 Dec 2017 1:32
Operator : SJ/JU
Sample : PB105316BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105316BSD

Manual Integrations APPROVED
Sohil
12/27/2017 1:56:52 PM

Quant Time: Dec 27 06:04:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	41709	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	184299	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	133967	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	347966	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	400526	20.00	ng		-0.05
86) Perylene-d12	26.27	264	442954	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	254771	111.26	ng		-0.02
7) Phenol-d6	7.91	99	330333	111.11	ng		-0.02
23) Nitrobenzene-d5	10.00	82	251906	103.21	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	232768	113.87	ng		-0.04
44) 2-Fluorobiphenyl	14.07	172	967069	90.60	ng		-0.03
78) Terphenyl-d14	20.70	244	1658858	94.62	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	34603	40.764	ng	#	70
3) Pyridine	4.32	79	92197	40.633	ng	#	74
4) n-Nitrosodimethylamine	4.23	42	40274	43.986	ng	#	80
6) Aniline	8.09	93	63878	16.699	ng		92
8) 2-Chlorophenol	8.35	128	145988	54.959	ng	#	78
9) Benzaldehyde	7.90	77	32413m	18.105	ng		
10) Phenol	7.93	94	169034	56.313	ng		89
11) bis(2-Chloroethyl)ether	8.19	93	109822	44.054	ng	#	80
12) 1,3-Dichlorobenzene	8.69	146	152943	46.365	ng	#	93
13) 1,4-Dichlorobenzene	8.85	146	155140	46.040	ng		94
14) 1,2-Dichlorobenzene	9.17	146	148260	46.435	ng		94
15) Benzyl Alcohol	9.04	79	110750	49.621	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.33	45	108392	53.393	ng		77
17) 2-Methylphenol	9.24	107	118670	55.253	ng		95
18) Hexachloroethane	9.93	117	48151	47.181	ng	#	85
19) n-Nitroso-di-n-propylamine	9.62	70	85292	42.006	ng	#	85
20) 3+4-Methylphenols	9.57	107	162778	53.326	ng		92
22) Acetophenone	9.65	105	198718	46.410	ng	#	86
24) Nitrobenzene	10.05	77	124986	49.688	ng	#	81
25) Isophorone	10.57	82	248534	47.303	ng	#	82
26) 2-Nitrophenol	10.78	139	80465	61.010	ng	#	77
27) 2,4-Dimethylphenol	10.81	122	156916	56.540	ng		88
28) bis(2-Chloroethoxy)methane	11.05	93	160402	45.499	ng	#	93
29) 2,4-Dichlorophenol	11.32	162	181003	55.555	ng		87
30) 1,2,4-Trichlorobenzene	11.54	180	181855	45.714	ng		97
31) Naphthalene	11.74	128	433928	46.653	ng		98
32) Benzoic acid	10.91	122	77945m	42.135	ng		
33) 4-Chloroaniline	11.83	127	67505	16.302	ng	#	92
34) Hexachlorobutadiene	12.01	225	116450	42.639	ng		99
35) Caprolactam	12.60	113	57402	58.124	ng	#	43
36) 4-Chloro-3-methylphenol	12.91	107	162103	53.872	ng	#	81
37) 2-Methylnaphthalene	13.30	142	363679	48.233	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	251633	44.594	ng	#	98
40) Hexachlorocyclopentadiene	13.63	237	323898	108.807	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	168108	51.671	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	183003	50.757	ng	#	90
45) 1,1'-Biphenyl	14.28	154	528649	46.202	ng		95
46) 2-Chloronaphthalene	14.33	162	402975	46.173	ng		95
47) 2-Nitroaniline	14.52	65	85017	56.403	ng	#	56
48) Acenaphthylene	15.17	152	618495	44.297	ng		99
49) Dimethylphthalate	14.87	163	547910	46.425	ng		99
50) 2,6-Dinitrotoluene	14.99	165	122098	56.238	ng	#	63
51) Acenaphthene	15.50	154	406309	44.433	ng		98
52) 3-Nitroaniline	15.32	138	55532	26.217	ng	#	67
53) 2,4-Dinitrophenol	15.52	184	27956	35.051	ng	#	1
54) Dibenzofuran	15.83	168	658664	46.989	ng		99
55) 4-Nitrophenol	15.60	139	181945	105.535	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	168292	60.282	ng	#	62
57) Fluorene	16.47	166	530605	46.596	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	196854	55.962	ng	#	84
59) Diethylphthalate	16.21	149	531459	46.202	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	316877	45.480	ng		91
61) 4-Nitroaniline	16.48	138	100221	48.485	ng		79
62) Azobenzene	16.74	77	337458	45.744	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	41901	28.775	ng	#	67
65) n-Nitrosodiphenylamine	16.66	169	500806	43.334	ng		96
66) 4-Bromophenyl-phenylether	17.35	248	237545	47.209	ng	#	92
67) Hexachlorobenzene	17.47	284	245613	47.749	ng	#	90
68) Atrazine	17.59	200	219931	48.942	ng		98
69) Pentachlorophenol	17.81	266	291242	82.318	ng		98
70) Phenanthrene	18.21	178	906437	46.030	ng		99
71) Anthracene	18.30	178	926274	46.630	ng		99
72) Carbazole	18.56	167	816164	46.421	ng		100
73) Di-n-butylphthalate	19.07	149	895630	45.838	ng		99
74) Fluoranthene	20.17	202	1136946	47.054	ng		96
76) Benzidine	20.33	184	281111	22.739	ng		98
77) Pyrene	20.53	202	1157262	45.233	ng		98
79) Butylbenzylphthalate	21.40	149	406154	47.290	ng	#	76
80) Benzo(a)anthracene	22.49	228	1179855	46.309	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	216654	21.933	ng	#	98
82) Chrysene	22.57	228	1110873	46.082	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	576683	46.346	ng	#	97
84) Di-n-octyl phthalate	23.75	149	1008370	48.119	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1551268	50.160	ng	#	88
87) Benzo(b)fluoranthene	25.07	252	1304809	47.455	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1237322	44.965	ng	#	97
89) Benzo(a)pyrene	26.10	252	1260624	47.871	ng	#	96
90) Dibenzo(a,h)anthracene	30.72	278	1289141	47.400	ng	#	95
91) Benzo(g,h,i)perylene	30.63	276	1551268	48.311	ng	#	93

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

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