Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032560.D
Acq On : 6 Feb 2018 7:32
Operator : SJ/JU
Sample : PB106300BS
Misc : MDL8PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106300BS

Manual Integrations APPROVED
Sohil
2/6/2018 2:40:24 PM

Quant Time: Feb 06 10:19:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	26551	20.00	ng		-0.02
21) Naphthalene-d8	11.58	136	104590	20.00	ng		-0.02
38) Acenaphthene-d10	15.34	164	73144	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	192375	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	265697	20.00	ng		-0.01
86) Perylene-d12	26.07	264	302163	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	159451	120.62	ng		0.00
7) Phenol-d6	7.83	99	161566	91.59	ng		0.00
23) Nitrobenzene-d5	9.91	82	118097	70.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	168262	120.85	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	448913	72.95	ng		-0.02
78) Terphenyl-d14	20.61	244	932786	75.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	13602	30.583	ng	#	74
3) Pyridine	4.25	79	37946	31.597	ng	#	79
4) n-Nitrosodimethylamine	4.16	42	21148	33.829	ng	#	76
6) Aniline	8.00	93	19868	9.034	ng		97
8) 2-Chlorophenol	8.26	128	66880	42.802	ng	#	81
9) Benzaldehyde	7.81	77	13396m	14.704	ng		
10) Phenol	7.85	94	56466	33.708	ng		92
11) bis(2-Chloroethyl)ether	8.09	93	44665	34.994	ng	#	78
12) 1,3-Dichlorobenzene	8.59	146	73725	34.889	ng		95
13) 1,4-Dichlorobenzene	8.75	146	76701	36.214	ng		95
14) 1,2-Dichlorobenzene	9.07	146	72196	34.797	ng		95
15) Benzyl Alcohol	8.95	79	50343	34.629	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.23	45	40768	33.708	ng		65
17) 2-Methylphenol	9.15	107	50445	37.078	ng	#	92
18) Hexachloroethane	9.83	117	25610	36.014	ng	#	78
19) n-Nitroso-di-n-propylamine	9.51	70	39907	34.121	ng	#	87
20) 3+4-Methylphenols	9.49	107	66999	35.107	ng		95
22) Acetophenone	9.55	105	85147	34.730	ng	#	93
24) Nitrobenzene	9.95	77	58243	35.970	ng	#	90
25) Isophorone	10.47	82	109084	38.259	ng	#	81
26) 2-Nitrophenol	10.68	139	37977	38.799	ng	#	80
27) 2,4-Dimethylphenol	10.71	122	59743	42.525	ng	#	92
28) bis(2-Chloroethoxy)methane	10.95	93	63689	40.735	ng	#	95
29) 2,4-Dichlorophenol	11.22	162	78863	42.374	ng		87
30) 1,2,4-Trichlorobenzene	11.44	180	87079	35.105	ng		95
31) Naphthalene	11.64	128	193721	37.923	ng		99
32) Benzoic acid	10.84	122	21313m	24.534	ng		
33) 4-Chloroaniline	11.74	127	25240	11.078	ng	#	91
34) Hexachlorobutadiene	11.90	225	67605	35.030	ng		100
35) Caprolactam	12.50	113	19792	37.045	ng	#	50
36) 4-Chloro-3-methylphenol	12.82	107	72117	40.852	ng		90
37) 2-Methylnaphthalene	13.20	142	158002	36.817	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	127389	37.228	ng		95
40) Hexachlorocyclopentadiene	13.53	237	178165	83.332	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	73501	39.489	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	77674	35.798	ng	#	90
45) 1,1'-Biphenyl	14.18	154	229229	37.095	ng		96
46) 2-Chloronaphthalene	14.23	162	175920	36.321	ng		99
47) 2-Nitroaniline	14.43	65	39148	36.550	ng	#	67
48) Acenaphthylene	15.07	152	267724	36.564	ng		99
49) Dimethylphthalate	14.77	163	236007	34.994	ng		98
50) 2,6-Dinitrotoluene	14.90	165	53112	37.521	ng	#	74
51) Acenaphthene	15.41	154	174159	34.297	ng		97
52) 3-Nitroaniline	15.24	138	21044	17.020	ng	#	64
53) 2,4-Dinitrophenol	15.44	184	7931	12.620	ng	#	78
54) Dibenzofuran	15.74	168	282106	37.534	ng		98
55) 4-Nitrophenol	15.53	139	68730	74.251	ng	#	78
56) 2,4-Dinitrotoluene	15.68	165	77862	38.633	ng	#	68
57) Fluorene	16.38	166	222308	35.594	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	85845	40.114	ng	#	86
59) Diethylphthalate	16.11	149	228103	34.727	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	138154	35.079	ng		94
61) 4-Nitroaniline	16.40	138	43507	32.830	ng		85
62) Azobenzene	16.65	77	145987	37.191	ng		85
64) 4,6-Dinitro-2-methylphenol	16.44	198	15913	11.072	ng	#	67
65) n-Nitrosodiphenylamine	16.57	169	215961	37.617	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	107315	37.654	ng		94
67) Hexachlorobenzene	17.38	284	117356	37.209	ng	#	89
68) Atrazine	17.49	200	100001	40.576	ng		94
69) Pentachlorophenol	17.72	266	98136	49.670	ng		98
70) Phenanthrene	18.12	178	397429	37.045	ng		99
71) Anthracene	18.21	178	414015	38.758	ng		97
72) Carbazole	18.48	167	360809	38.228	ng		99
73) Di-n-butylphthalate	18.97	149	406015	38.854	ng		98
74) Fluoranthene	20.08	202	534381	37.982	ng		95
76) Benzidine	20.25	184	142000	27.218	ng		99
77) Pyrene	20.44	202	547896	33.621	ng		99
79) Butylbenzylphthalate	21.30	149	193581	37.660	ng	#	73
80) Benzo(a)anthracene	22.38	228	629398	38.211	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	92454	14.487	ng	#	98
82) Chrysene	22.46	228	587917	36.959	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	281292	38.595	ng	#	98
84) Di-n-octyl phthalate	23.59	149	519295	44.921	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	854701	42.473	ng	#	85
87) Benzo(b)fluoranthene	24.90	252	710293	38.904	ng	#	95
88) Benzo(k)fluoranthene	24.98	252	694893	38.421	ng	#	96
89) Benzo(a)pyrene	25.90	252	692372	39.778	ng	#	96
90) Dibenzo(a,h)anthracene	30.40	278	709622	39.854	ng	#	93
91) Benzo(g,h,i)perylene	31.67	276	705249	39.904	ng	#	91

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

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