Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030995.D
Acq On : 14 Nov 2017 5:21
Operator : SJ/JU
Sample : PB104197BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104197BS

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:47 PM

Quant Time: Nov 14 07:40:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40099	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	165201	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	117147	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	309273	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	372271	20.00	ng		0.00
86) Perylene-d12	25.08	264	375138	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	294920	126.12	ng		0.00
7) Phenol-d6	7.31	99	385890	122.49	ng		0.00
23) Nitrobenzene-d5	9.31	82	224011	80.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	273269	144.20	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	703067	86.24	ng		-0.02
78) Terphenyl-d14	20.09	244	1402646	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31309	32.993	ng	#	78
3) Pyridine	3.96	79	90446	32.830	ng		88
4) n-Nitrosodimethylamine	3.87	42	43523	33.333	ng	#	84
6) Aniline	7.46	93	68346	16.484	ng		96
8) 2-Chlorophenol	7.71	128	117022	45.346	ng		91
9) Benzaldehyde	7.27	77	46219	20.965	ng		95
10) Phenol	7.33	94	147786	45.171	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	100093	38.316	ng		89
12) 1,3-Dichlorobenzene	8.03	146	127198	42.011	ng		97
13) 1,4-Dichlorobenzene	8.18	146	130175	42.428	ng		93
14) 1,2-Dichlorobenzene	8.50	146	121500	41.258	ng		97
15) Benzyl Alcohol	8.38	79	103741	41.053	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	143580	49.760	ng		91
17) 2-Methylphenol	8.59	107	102058	44.796	ng		98
18) Hexachloroethane	9.23	117	44282	41.468	ng		89
19) n-Nitroso-di-n-propylamine	8.94	70	84737	35.375	ng	#	96
20) 3+4-Methylphenols	8.92	107	142025	43.840	ng		95
22) Acetophenone	8.97	105	166832	40.559	ng	#	93
24) Nitrobenzene	9.35	77	128089	44.977	ng	#	95
25) Isophorone	9.87	82	238770	43.914	ng	#	92
26) 2-Nitrophenol	10.06	139	69986	47.147	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	119670	54.303	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	147636	43.112	ng		95
29) 2,4-Dichlorophenol	10.61	162	144031	54.427	ng		87
30) 1,2,4-Trichlorobenzene	10.82	180	149982	47.471	ng		95
31) Naphthalene	11.00	128	352610	43.419	ng		99
32) Benzoic acid	10.26	122	53690	31.463	ng	#	83
33) 4-Chloroaniline	11.12	127	49129	13.819	ng		96
34) Hexachlorobutadiene	11.29	225	102436	46.750	ng		94
35) Caprolactam	11.88	113	46827m	43.317	ng		
36) 4-Chloro-3-methylphenol	12.23	107	141675	49.189	ng	#	90
37) 2-Methylnaphthalene	12.60	142	287273	45.822	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	199391	42.885	ng		97
40) Hexachlorocyclopentadiene	12.94	237	171783	97.247	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	135978	51.159	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	145723	50.108	ng	#	91
45) 1,1'-Biphenyl	13.60	154	404277	41.617	ng		97
46) 2-Chloronaphthalene	13.64	162	326992	46.654	ng		96
47) 2-Nitroaniline	13.84	65	92668	44.608	ng	#	79
48) Acenaphthylene	14.49	152	495950	43.233	ng		99
49) Dimethylphthalate	14.21	163	454692	44.890	ng		99
50) 2,6-Dinitrotoluene	14.34	165	102537	49.114	ng	#	73
51) Acenaphthene	14.82	154	311827	43.525	ng		99
52) 3-Nitroaniline	14.66	138	39247	17.704	ng	#	85
53) 2,4-Dinitrophenol	14.88	184	56146	51.165	ng	#	54
54) Dibenzofuran	15.16	168	526532	46.140	ng		98
55) 4-Nitrophenol	14.98	139	144120	91.266	ng	#	85
56) 2,4-Dinitrotoluene	15.12	165	148342	49.149	ng	#	70
57) Fluorene	15.80	166	420540	45.392	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	153638	55.431	ng	#	87
59) Diethylphthalate	15.56	149	452532	43.983	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	263795	47.145	ng		91
61) 4-Nitroaniline	15.82	138	97675	41.610	ng		91
62) Azobenzene	16.08	77	346600	44.171	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	70932	34.505	ng	#	74
65) n-Nitrosodiphenylamine	16.00	169	396962	42.357	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	188907	48.227	ng		96
67) Hexachlorobenzene	16.81	284	202048	48.545	ng	#	92
68) Atrazine	16.94	200	170912	44.201	ng		96
69) Pentachlorophenol	17.16	266	203602	88.496	ng		96
70) Phenanthrene	17.54	178	735908	45.700	ng		99
71) Anthracene	17.63	178	758339	46.999	ng		99
72) Carbazole	17.90	167	677440	44.809	ng		100
73) Di-n-butylphthalate	18.44	149	785382	42.309	ng		99
74) Fluoranthene	19.54	202	985110	48.317	ng		96
76) Benzidine	19.72	184	280181	23.430	ng		97
77) Pyrene	19.91	202	1011570	45.792	ng		98
79) Butylbenzylphthalate	20.77	149	367042	41.672	ng	#	84
80) Benzo(a)anthracene	21.76	228	1052073	45.497	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	183320	19.639	ng	#	96
82) Chrysene	21.82	228	994750	46.504	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	508692	40.010	ng	#	98
84) Di-n-octyl phthalate	22.87	149	859150	41.518	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1217321	46.812	ng	#	94
87) Benzo(b)fluoranthene	24.02	252	1057801	46.616	ng	#	96
88) Benzo(k)fluoranthene	24.10	252	1038893	46.189	ng	#	97
89) Benzo(a)pyrene	24.92	252	1024643	47.531	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	1018709	46.234	ng	#	96
91) Benzo(g,h,i)perylene	30.05	276	1008372	47.153	ng	#	94

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

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